Case studies in interdisciplinary research / Allen F. Repko, William H. Newell, Rick Szostak editors. -- California : Sage, [2011].
Case Studies in Interdisciplinary Research successfully applies the model of the interdisciplinary research process outlined by author Allen F. Repko in Interdisciplinary Research, (SAGE ©2008) to a wide spectrum of challenging research questions. Self-contained case studies, written by leaders in interdisciplinary research, and utilizing best-practice techniques in conducting interdisciplinary research shows students how to apply the interdisciplinary research process to a variety of problems.

Solicitar por: 001.4 CAS

Introduces the researcher to basic methods of gathering, analyzing and interpreting qualitative empirical materials. Part I moves from interviewing to observing, to the use of artifacts, documents and records from the past; to visual, and autoethnographic methods. It then takes up analysis methods, including computer-assisted methodologies, as well as strategies for analyzing talk and text.

Solicitar por: 001.42 COL

Complexity, multi-disciplinarity, and beyond / Michael Finkenthal. -- New York : Peter Lang, 2008.
Complexity, Multi-Disciplinarity, and Beyond addresses the issue of complexity mainly in the fields of humanities and social sciences. It is a continuation of Interdisciplinarity: Toward the Definition of a Metadiscipline? (Lang, 2001) in which the main question is related to the role of interdisciplinarity and disciplinarian thinking in confronting complexity in general. The present book focuses on complexity in the humanities but also revisits some of the ideas brought forth in Interdisciplinarity, concerning the limitations of disciplinarian thinking and interdisciplinarity in their confrontations with complexity. The development of conceptual tools, as well as theories and models for complexity outside the realm of «hard» sciences, is still in its infancy. Nevertheless, it is essential to learn to cope with complexity, and every effort in this area must be encouraged.

Solicitar por: 001.2 FinC

Interdisciplinarity, a favorite buzzword of faculty and administrators, has been appropriated to describe so many academic pursuits that it is virtually meaningless. With a writing style that is accessible, fluid, and engaging, Lisa Lattuca remedies this confusion with an original conceptualization of interdisciplinarity based on interviews with faculty who are engaged in its practice.

Solicitar por: 378.1 LATc


Design Research is a new interdisciplinary research area with a social science orientation at its heart, and this book explores how scientific knowledge can be put into practice in ways that are at once ethical, creative, helpful, and extraordinary in their results. In order to clarify the common aspects – in terms of features and approaches – that characterize all strands of research disciplines addressing design, Design Research undertakes an in-depth exploration of the social processes involved in doing design, as well as analyses of the contexts for design use. The book further elicits ‘synergies from interdisciplinary perspectives’ by discussing and elaborating on differing academic perspectives, theoretical backgrounds, and design concept definitions, and evaluating their unique contribution to a general core of design research.

Solicitar por: 001.42 DES


El presente libro ofrece una visión de las diferentes perspectivas de investigación social más utilizadas con el propósito de que el estudiante y el estudiante de las ciencias sociales encuentren en el una introducción rigurosa, precisa y crítica a los procedimientos de investigación. Al ir más allá de la dicotomía entre lo cuantitativo y lo cualitativo, permite situar los problemas con toda su profundidad y acceder al mayor número de dimensiones de la siempre compleja realidad social.

Solicitar por: 001.42 ANA
Evaluation methodology basics: the nuts and bolts of sound evaluation / E. Jane Davidson.-- California: Sage, 2005
Evaluation theorists for years have advised evaluators to “take into account” all relevant values as part of an evaluation. But especially for the relatively new evaluator (even one who is knowledgeable and experienced in research methodology), there is not a lot of guidance about how this is done. *Evaluation Methodology Basics: The Nuts and Bolts of Sound Evaluation* provides a step-by-step guide for doing a real evaluation. It focuses on the main kinds of “big picture” questions that evaluators usually need to answer, and how the nature of such questions is linked to evaluation methodology choices. Jane Davidson explains how to combine a mix of qualitative and quantitative data with “relevant values” (such as needs) to draw explicitly evaluative conclusions.

Solicitar por: 001.4 DAVe

This edited work presents a collection of chapters on a range of key areas in multi- and interdisciplinary research. They represent some of the current thinking and practice of interdisciplinary research, and are an outcome of the 1st Cross-Disciplinary Research Conference held in November 2007 at the University of Nottingham. This book consists of a collection of contributions on interdisciplinary theory and practice, as viewed through the experience of ‘new’ interdisciplinarians. It spans a variety of disciplines such as education, psychology, law, architecture, media, and health care. Its purpose is to contribute to the emerging literature and academic debate in interdisciplinary research and to give new interdisciplinarians a voice.

Solicitar por: 001.4 EXP

*Facilitating Interdisciplinary Research* examines current interdisciplinary research efforts and recommends ways to stimulate and support such research. Advances in science and engineering increasingly require the collaboration of scholars from various fields. This shift is driven by the need to address complex problems that cut across traditional disciplines, and the capacity of new technologies to both transform existing disciplines and generate new ones. At the same time, however, interdisciplinary research can be impeded by policies on hiring, promotion, tenure, proposal review, and resource allocation that favor traditional disciplines.

Solicitar por: 001.4 FAC

This handbook provides, for the first time, a structured overview of the manifold experiences gained in these fields. Twenty-one projects from all over the world present their research approaches, structured along the three phases of a TR project: problem structuring, problem investigation, bringing results to fruition. Referring to these projects, cross-cutting challenges of TR are discussed, such as: integration, participation, values and uncertainties, learning from case studies, management, education. A systematic positioning of transdisciplinary research in the development of sciences and humanities, and 15 propositions for enhancing transdisciplinary research situate the contributions in a larger, systematised context. The handbook gives researchers and students an overview of the state of the art in transdisciplinary research.

Solicitar por: 001.4 HAN


En este libro se recoge la ponencia marco del I Encuentro sobre Interdisciplinariedad en lo Pedagógico, desarrollada en junio de 1993. En primer lugar, hace un planteamiento general acerca de la problemática de la interdisciplinariedad, procurando algunas precisiones conceptuales sobre lo que es y no es la interdisciplinariedad; en la segunda parte se plantea como realizar la interdisciplinariedad a partir de la matemática, de la teoría general de sistemas, de la comparación de los tipos de estructura y desde la lógica de la complejidad. Explica la actitud intelectual y existencial necesaria para un abordaje interdisciplinario de la realidad proponiendo un esquema metodológicooperativo.

Solicitar por: 001.2 ANDi


Its unique standpoint is based on the recognition that effective and coherent interdisciplinarity is necessary to deal with the issue of climate change, and the multitude of linked phenomena which both constitute and connect to it. In the opening chapter, Roy Bhaskar makes use of the extensive resources of critical realism to articulate a comprehensive framework for multidisciplinarity, interdisciplinarity, transdisciplinarity and cross-disciplinary understanding, one which duly takes account of ontological as well as epistemological considerations. Many of the subsequent chapters seek to show how this general approach can be used to make intellectual sense of the complex phenomena in and around the issue of climate change, including our response to it.

Solicitar por: 551.6 INT

Technology Assessment processes can be taken as a paradigm for interdisciplinary research. It is expected that interdisciplinary Technology Assessment is able to find solutions for actual sociopolitical problems that go beyond those expected from one individual scientific discipline alone. The common notion, that for tasks like this different disciplinary perspectives should be brought together, confronts the fact that there is no common notion on how interdisciplinary research should be done. In the present volume European experts of Technology Assessment present their perspectives on interdisciplinary research. Many focus on methodology, policy consulting, and participation of stakeholders, non-experts and citizens. Others present concrete case studies concerning climate change and health care. Each contribution is commented by an other scientist.

Solicitar por: 001.4 INTe


Interdisciplinary Collaboration calls attention to a serious need to study the problems and processes of interdisciplinary inquiry, to reflect on the current state of scientific knowledge regarding interdisciplinary collaboration, and to encourage research that studies interdisciplinary cognition in relation to the ecological contexts in which it occurs. It contains reflections and research on interdisciplinarity found in a number of different contexts by practitioners and scientists from a number of disciplines and several chapters represent attempts by cognitive scientists to look critically at the cognitive science enterprise itself.

Solicitar por: 001.2 INT


Interest in doing, funding, and studying interdisciplinary work has built to crescendo in recent years. But despite this growing enthusiasm, our collective understanding of the dynamics, rewards, and challenges of faculty conversations across disciplines remains murky. Through six case studies of interdisciplinary seminars for faculty, Interdisciplinary Conversations investigates pivotal interdisciplinary conversations and analyzes the factors that make them work. Past discussions about barriers to interdisciplinary collaborations fixate on funding, the academic reward system, and the difficulties of evaluating research from multiple fields. This book uncovers barriers that are hidden: disciplinary habits of mind, disciplinary cultures, and interpersonal dynamics. Once uncovered, these barriers can be broken down by faculty members and administrators.

5Solicitar por: 001.4 STRi

As universities increasingly offer courses that break the confines of a single subject area, more students are enrolling on interdisciplinary programmes within multidisciplinary departments. Teaching and learning within interdisciplinary study requires new approaches, including an understanding of the critical perspectives and frameworks and the rearranging of intellectual and professional boundaries. Interdisciplinary Learning and Teaching in Higher Education explores the issues and tensions provoked by interdisciplinary learning, offering helpful information for: Staff development, Distance learning, Mass communication courses, Interdisciplinary science courses. Grounded in thorough research, this collection is the first of its kind to provide practical advice and guidance from around the world, improving the quality of teaching and learning in interdisciplinary programmes.

Solicitar por: 378.1 INTc


Interdisciplinary inquiry has begun to receive widespread attention because of the rich, creative contributions it often generates. But a host of factors, institutional, interpersonal and intellectual, also makes undertaking such research a daunting challenge for potential scientific partners. This volume is a practical guide to the most effective avenues for collaborative and integrative research in the social, behavioural, and biomedical sciences. What is the best way to conduct research programs in these areas? How do you identify appropriate collaborators? How do you find dedicated funding streams? How do you overcome peer-review and publishing challenges? This volume presents a series of case studies of successful interdisciplinary research programs, which provide a variety of models of how best to undertake interdisciplinary research in health and human science.

Solicitar por: 610.72 INT


‘Interdisciplinarity’ has become a rallying cry among funders and leaders of research. Yet, while the creative potential of interdisciplinary research is great, it poses many challenges. If you don’t have disciplinary boundaries, how do you decide what to include or leave out? And what are the parameters for evaluating the research? This book provides a practical guide for researchers and research managers who are seeking to develop interdisciplinary research strategies at a personal, institutional and multi-institutional level. The book draws on examples from across the social and natural sciences but also offers valuable lessons for other combinations of more proximate disciplines. At a time when interdisciplinary research is increasingly centre stage in the research agenda, this book offers a crucial practical guide for researchers, research funders and managers from all backgrounds and contexts.

Solicitar por: 001.4 INTl

Success in the twenty-first century demands knowledge power. This book offers a map showing the structure of the knowledge space in a contemporary context. The routes beyond traditional disciplines are charted, in part based on the notions of superconcepts and superproblems. There are major implications for the development of education systems, particularly for universities but also for all employers as they seek to ensure that their organisations have the requisite knowledge to meet future challenges. In many instances, radical change is called for. The traditional disciplines and their future development are reviewed and systems concepts are introduced to develop an interdisciplinary framework for the future. The nature of the knowledge core for different kinds of organisation is outlined in the context of development strategies and management capabilities.

Solicitar por: 378.1 WILk


Once a research project has been designed and the data have been gathered, what is the best way to transform this information into something useful? The authors of this practical volume highlight the range of approaches available to qualitative researchers by using a single data set which they analyze using a number of techniques. With special attention paid to the possibilities in computer-aided analysis, this book will be an invaluable resource for the relatively new qualitative researcher.

Solicitar por: 001.42 COFm


Método y antimétodo present, in su primera parte, un panorama general de los grandes lineamientos polémicos de las ciencias sociales así como las reflexiones teóricas indispensables para la práctica de la investigación. En una segunda instancia se conduce al lector a través de los pasos necesarios de este complejo proceso: plantea dudas, ubica distinto tipo de técnicas y construye soluciones sobre la marcha. El último capítulo de esta sección muestra, a través de un ejemplo, la puesta en práctica del modelo sugerido. Al final se incluye un ensayo que actualiza la discusión metodológica en la coyuntura de la actual crisis de los grandes paradigmas.

Solicitar por: 001.42 CALm
Outside the lines: issues in interdisciplinary research / Liora Salter and Alison Hearn. -- Montreal : McGill-Queen's University Press, 1996
Contributors to this collection address the ways in which interdisciplinarity is defined, positioned, and handled by researchers, universities, and critics, and examine such topics as "myths" of interdisciplinarity, postmodern critiques of interdisciplinarity, interdisciplinarity and research grant allocation, women's studies, Canadian studies, environmental studies, and "emerging" disciplines. The collection combines a theoretical examination of disciplinarity and interdisciplinarity as forms of knowledge production and organization with practical information about the basic difficulties and conundrums involved in the practice of interdisciplinary research.

Solicitar por: 001.4 SALo

Practising science communication in the information age is a collection of newly-commissioned chapters by leading scholars and practitioners of science communication. It considers how scientists communicate with each other as part of their professional practice, critically evaluating how this forms the basis of the documenting of scientific knowledge, and investigating how open access publication and open review are influencing current practices. It also explores how science communication can play a crucial role when science is disputed, investigating the role of expertise in the formation of scientific controversy and consensus.

Solicitar por: 001.4 PRAh

This book discusses the many issues involved in going beyond disciplinary research practices in science, politics and society, and addresses the complexities of their interface. Governments and politicians are increasingly calling upon the scientific community to deal with global challenges such as climate change, poverty, international governance, peace-making et cetera. These are calls for interdisciplinary research - calls to deal with the interaction of parts in complex systems. The book addresses questions like these: -Does interdisciplinary research fit into the overall disciplinary organization of the sciences? -Does interdisciplinary research meet the high scientific standards of the research community? -How does the science community adopt to changing circumstances? -How responsive is the science community to social and political needs? -To what extent do governments intervene to influence science? -What pattern of interaction exists between politics, society and research?

Solicitar por: 320.01 KELu
Este libro pone en evidencia la necesaria articulación entre una sólida fundamentación epistemológica y un marco teórico-conceptual capaz de orientar el estudio de cualquier problemática concebida como un sistema complejo. ¿Qué es un sistema complejo? ¿Por qué es necesario abordar su estudio desde una perspectiva interdisciplinaria? Rolando García expone de manera rigurosa en qué consiste una investigación interdisciplinaria, opo-niéndose tanto a quienes la conciben como el producto de la suma de trabajos disciplinarios como a quienes defienden la formación de “generalistas”. La riqueza de esta obra reside en el grado de profundidad de sus fundamentos sin dejar de lado la consideración explícita de los problemas prácticos que se presentan en el transcurso de una investigación cuyas repercusiones sociales son directas.

Solicitar por: 001.4 GARs

Bringing together contributions from key names in the international education arena, The Routledge Doctoral Student’s Companion is a comprehensive guide to the literature surrounding doctorates, bringing together questions, challenges and solutions normally scattered over a wide range of texts. Accessible and wide-ranging, it covers all doctoral students need to know about: what doctoral education means in contemporary practice; forming an identity and knowledge as a doctoral student; the big questions which run throughout doctoral practice; becoming a researcher; the skills needed to conduct research; integrating oneself into a scholarly community.

Solicitar por: 330 FORu

This book addresses the need for transdisciplinarity, a new and important approach to the solution of global problems. Transdisciplinarity provides an essential context for understanding some of the most important, complex, and difficult issues we face, whether in environmental protection, maintaining our health care systems, drafting new laws, formulating public policy, accommodating religious and cultural pluralism, or dealing humanely and respectfully with an ageing population. It responds to the need to cross boundaries in order to embrace the ideas of all disciplines that may be relevant to these questions. Successful transdisciplinary endeavours depend on developing methodologies that can be used to re-integrate knowledge.

Solicitar por: 001.2 TRA
In this fascinating volume, the contributors make it very clear that far from being a faddish and superficial phenomenon, transdisciplinarity is potentially the foundation for a new, and much needed, approach to inquiry. Transdisciplinarity goes beyond the dualism of opposing binary pairs: subject/object, subjectivity/objectivity, matter/consciousness, nature/divine, simplicity/complexity, reductionism/holism, diversity/unity which have marked the history of ideas for millennia. Because transdisciplinarity is radical, in the sense that is goes to the roots of knowledge, and questions our way of thinking and our construction and organization of knowledge. It requires a discipline of self-inquiry that integrates the knower in the process of knowing. Nicolescu’s vision of transdisciplinarity, and that of the international contributors to this volume, goes beyond cognicentrism and the focus on analytic intelligence to propose a new type of intelligence that reflects a harmony between mind, feelings, and body.

Solicitar por: 001.2 TRAn

Interdisciplinary inquiry has become more pervasive in recent decades, yet we still know little about the conduct of this type of research or the information problems associated with it. This book is one of few empirical studies of interdisciplinary knowledge practices. It examines how interdisciplinary scientists discover and exchange information and knowledge, highlighting how the boundaries between disciplines affect how information is used and how knowledge is constructed. It is written for scholars and practitioners with an interest in developing information systems and research environments to foster innovative scientific work. Target groups include researchers in information science, science studies, communication, as well as research administrators and information professionals.

Solicitar por: 001.2 PALw