

The Leaky Pipeline Do We Have A Communication Problem

[#leaky pipeline](#) [#communication problems workplace](#) [#employee retention](#) [#workplace diversity](#) [#internal communication](#)

The 'leaky pipeline' frequently indicates a fundamental communication problem within an organization, impacting talent retention and diversity initiatives. Understanding how communication breakdowns contribute to people leaving is crucial for fostering a more stable and inclusive professional environment.

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Communicating as Women in STEM

Communicating as Women in STEM discusses various communication styles, also demonstrating how principles can be applied during interpersonal interactions in day-to-day environments. It provides women and other underrepresented groups, faculty and administrators with the tools they need to break barriers raised by different communication styles within the STEM fields. Sections cover tactics on how to become more aware of communication patterns and how to cope with, and improve, communication. This practical resource for women in the STEM fields is also ideal for mentors, educators, advisers and organizations interested in encouraging women to choose and remain in these fields. Enables women, minorities, faculty and administrators to develop broader communication skills Teaches constructive communication strategies for interaction with mentees, mentors, faculty, managers, colleagues and other professionals Contains observation exercises that include questions and sample scenarios to illustrate communication strategies

Making the University Matter

Making the University Matter investigates how academics situate themselves simultaneously in the university and the world and how doing so affects the viability of the university setting. The university stands at the intersection of two sets of interests, needing to be at one with the world while aspiring to stand apart from it. In an era that promises intensified political instability, growing administrative pressures, dwindling economic returns and questions about economic viability, lower enrolments and shrinking programs, can the university continue to matter into the future? And if so, in which way? What will help it survive as an honest broker? What are the mechanisms for ensuring its independent voice? Barbie Zelizer brings together some of the leading names in the field of media and communication studies from around the globe to consider a multiplicity of answers from across the curriculum on making the university matter, including critical scholarship, interdisciplinarity, curricular blends of the

humanities and social sciences, practical training and policy work. The collection is introduced with an essay by the editor and each section has a brief introduction to contextualise the essays and highlight the issues they raise.

Automation, Communication and Cybernetics in Science and Engineering 2015/2016

This report to the Chemical Sciences Roundtable presents a collection of contributed papers that report success stories for increasing diversity. The report provides background information on the value of diversity in the undergraduate environment, and the success stories address both undergraduate and graduate chemistry programs as well as chemical industry.

Minorities in the Chemical Workforce

A contemporary and detailed look at the reality behind the PhD degrees and postdoctoral fellowships in academia. The book explores some of the most pressing issues and unique challenges currently facing the doctoral and postdoctoral programs both on a local institutional level and on a global one where multiple complex factors influencing and governing the academic environment take place. The interrelated nature of these challenges together with discussions over certain historical trends and demographics offer a unique perspective on some often overlooked topics such as academic advisors and mentoring, increasing job insecurity, career prospects, mental issues, discrimination and women in science, ever growing need for funding, increasing pressure for high-profile research, internationalization of science, trends in university management, higher education dynamics, and government policies, backed with references to published research, national and international surveys, and census data. Today, most of the PhD programs have been accommodated to the benefit of the university with disregard to any sustainable demand-and-supply job market strategies, contrary to the original ideas behind their inception. The result is an over-flooded job market and huge underemployment rates among doctorate holders. Infused with a narrative of a rich mix of personal experiences, observations, and impressions, all dressed in humor (mostly dark), sarcasm, irony, disbelief, and often outright criticism, this text does not shy away from asking uncomfortable questions and even attempts to provide answers to some of them. At the same time it also offers practical advice for those considering and those who already have dared to tread the PhD path.

Production Research Report

The Communication Yearbook annuals publish diverse, state-of-the-discipline literature reviews across the field of communication. Sponsored by the International Communication Association, volumes offer insightful descriptions of research as well as reflections on the implications of those findings for other areas of the discipline. Editor Christina S. Beck presents a diverse, international selection of articles that highlight empirical and theoretical intersections in the communication discipline.

Production Research Report

The rapid development of information communication technologies (ICTs) is having a profound impact across numerous aspects of social, economic, and cultural activity worldwide, and keeping pace with the associated effects, implications, opportunities, and pitfalls has been challenging to researchers in diverse realms ranging from education to competitive intelligence.

Automation of Surface Irrigation

Performing Math tells the history of expectations for math communication—and the conversations about math hatred and math anxiety that occurred in response. Focusing on nineteenth-century American colleges, this book analyzes foundational tools and techniques of math communication: the textbooks that supported reading aloud, the burnings that mimicked pedagogical speech, the blackboards that accompanied oral presentations, the plays that proclaimed performers' identities as math students, and the written tests that redefined "student performance." Math communication and math anxiety went hand in hand as new rules for oral communication at the blackboard inspired student revolt and as frameworks for testing student performance inspired performance anxiety. With unusual primary sources from over a dozen educational archives, Performing Math argues for a new, performance-oriented history of American math education, one that can explain contemporary math attitudes and provide a way forward to reframing the problem of math anxiety.

The Death of a Scientist

Educational initiatives attempt to introduce or promote a culture of quality within education by raising concerns related to student learning, providing services related to assessment, professional development of teachers, curriculum and pedagogy, and influencing educational policy, in the realm of technology. *Adapting Information and Communication Technologies for Effective Education* addresses ICT assessment in universities, student satisfaction in management information system programs, factors that impact the successful implementation of a laptop program, student learning and electronic portfolios, and strategic planning for e-learning. Providing innovative research on several fundamental technology-based initiatives, this book will make a valuable addition to every reference library.

Communication Yearbook 33

This book describes the struggles in which inclusive-minded administrators find themselves when they promote equity initiatives. Administrators routinely struggle when they attempt to include all members of their school communities – teachers, students, and parents – in the various aspects of schooling. Given the presence of a host of obstacles, setting right the injustices associated with racism, classism, sexism, ableism, homophobia, and other exclusive practices is not an easy thing to do. Resistance from colleagues who fail to recognize exclusive practices when they see them, and from others who do recognize them but see no harm, too few resources, exclusive policies, personal uncertainties or insecurities, and conflicted priorities are just a few of the phenomena that get in the way of these efforts. This book explores these struggles. It looks at the contexts within which these encounters occur, the various challenges that inclusive-minded administrators encounter, and the strategies that they employ to meet these tests. Employing the results of original empirical studies, surveys of current research, recent theoretical literature and personal experiences, this book seeks to provide school leaders with a sense of what it is like to promote inclusion and equity in the contemporary neoliberal context. Among other things, it looks to provide educators of an understanding of the obstacles that stand in the way of inclusion, the nature of the struggles that await them, and ideas for what they might do. Among other things, the book concludes that in relation to the pursuit of inclusion: (1) exclusion continues to be part of contemporary schools and communities; (2) struggles for inclusion transcend individual educators, students and parents; (3) administrators are sometimes part of the problem of exclusion; (4) administrators struggle with issues of difference; (5) administrators struggle with circumstances they inherit, people with whom they work, and with themselves; and (6) administrators have resources to employ in their struggles for inclusion.

Information Communication Technologies: Concepts, Methodologies, Tools, and Applications

The book includes peer-reviewed papers of the International Conference on Sustainable Technology and Advanced Computing in Electrical Engineering (ICSTACE 2021). The main focus of the book is electrical engineering. The conference aims to provide a global platform to the researchers for sharing and showcasing their discoveries/findings/innovations. The book focuses on the areas related to sustainable development and includes research works from academicians and industry experts. The book discusses new challenges and provides solutions at the interface of technology, information, complex systems, and future research directions.

Performing Math

This text examines in detail the issue of the underrepresentation of women, African Americans, American Indians, and Hispanics in the computing disciplines in the U.S. The work reviews the underlying causes, as well as the efforts of various nonprofit organizations to correct the situation, in order to both improve social equity and address the shortage of skilled workers in this area. Topics and features: presents a digest and historical overview of the relevant literature from a range of disciplines, including leading historical and social science sources; discusses the social and political factors that have affected the demographics of the workforce from the end of WWII to the present day; provides historical case studies on organizations that have sought to broaden participation in computing and the STEM disciplines; reviews the different approaches that have been applied to address underrepresentation, at the individual, system-wide, and pathway-focused level; profiles the colleges and universities that have been successful in opening up computer science or engineering to female students; describes the impact of individual change-agents as well as whole organizations.

Marine Conservation: Knowledge, Experience and Tools for Change

How female directors, producers, and writers navigate the challenges and barriers facing female-driven projects at each stage of filmmaking in contemporary Hollywood. Conversations about gender equity in the workplace accelerated in the 2010s, with debates inside Hollywood specifically pointing to broader systemic problems of employment disparities and exploitative labor practices. Compounded by the devastating #MeToo revelations, these problems led to a wide-scale call for change. The Value Gap traces female-driven filmmaking across development, financing, production, film festivals, marketing, and distribution, examining the realities facing women working in the industry during this transformative moment. Drawing from five years of extensive interviews with female producers, writers, and directors at different stages of their careers, Courtney Brannon Donoghue examines how Hollywood business cultures “value” female-driven projects as risky or not bankable. Industry claims that “movies targeting female audiences don’t make money” or “women can’t direct big-budget blockbusters” have long circulated to rationalize systemic gender inequities and have served to normalize studios prioritizing the white male–driven status quo. Through a critical media industry studies lens, The Value Gap challenges this pervasive logic with firsthand accounts of women actively navigating the male-dominated and conglomerate-owned industrial landscape.

Adapting Information and Communication Technologies for Effective Education

A comprehensive analysis of the astonishing changes that elevated the Chicago public school system from one of the worst in the nation to one of the most improved. How a City Learned to Improve Its Schools tells the story of the extraordinary thirty-year school reform effort that changed the landscape of public education in Chicago. Acclaimed educational researcher Anthony S. Bryk joins five coauthors directly involved in Chicago’s education reform efforts, Sharon Greenberg, Albert Bertani, Penny Sebring, Steven E. Tozer, and Timothy Knowles, to illuminate the many factors that led to this transformation of the Chicago Public Schools. Beginning in 1987, Bryk and colleagues lay out the civic context for reform, outlining the systemic challenges such as segregation, institutional racism, and income and resource disparities that reformers grappled with as well as the social conflicts they faced. Next, they describe how fundamental changes occurred at every level of schooling: enhancing classroom instruction; organizing more engaged and effective local school communities; strengthening the preparation, recruitment, and support of teachers and school leaders; and sustaining an ambitious evidence-based campaign to keep the public informed on the progress of key reform initiatives and the challenges still ahead. The power of this capacity building is validated by unprecedented increases in benchmarks such as graduation rates and college matriculation. This riveting account introduces key actors within the schools, city government, and business community, and the partnerships they forged. It also reveals the surprising yet essential role of Chicago’s innovative information infrastructure in aligning disparate initiatives. In making clear how elements such as advocacy, civic capacity, improvement research, and strong democracy contributed to large-scale progress in the system’s 600-plus schools, the book highlights the greater lessons that the Chicago story offers for system improvement overall.

Management Science

Begin your graphic design career now, with the guidance of industry experts. *Becoming a Graphic and Digital Designer* is a single source guide to the myriad of options available to those pursuing a graphic design career. With an emphasis on portfolio requirements and job opportunities, this guide helps both students and individuals interested in entering the design field prepare for successful careers. Coverage includes design inspiration, design genres, and design education, with discussion of the specific career options available in print, interactive, and motion design. Interviews with leading designers like Michael Bierut, Stefan Sagmeister, and Mirko Ilic give readers an insider's perspective on career trajectory and a glimpse into everyday operations and inspirations at a variety of companies and firms. Design has become a multi-platform activity that involves aesthetic, creative, and technical expertise. *Becoming a Graphic and Digital Designer* shows readers that the field once known as "graphic design" is now richer and more inviting than ever before. Learn how to think like a designer and approach projects systematically. Discover the varied career options available within graphic design. Gain insight from some of the leading designers in their fields. Compile a portfolio optimized to your speciality of choice. Graphic designers' work appears in magazines, advertisements, video games, movies, exhibits, computer programs, packaging, corporate materials, and more. Aspiring designers are sure to find their place in the industry, regardless of specific interests. *Becoming a Graphic and Digital Designer* provides a roadmap and compass for the journey, which begins today.

Struggling for Inclusion

CUET-PG Physical Education Question Bank 3000+ Chapter wise question With Explanations As per Updated Syllabus [cover all 14 Chapters] Highlights of CUET-PG Physical Education Question Bank-3000+ Questions Answer [MCQ] 200+ MCQ of Each Chapter [Unit wise] As Per the Updated Syllabus Include Most Expected MCQ as per Paper Pattern/Exam Pattern All Questions Design by Expert Faculties & JRF Holder

Evidence-based science communication in the COVID-19 era

We are delighted to present the inaugural "Women in Education" series of article collections. At present, less than 30% of researchers worldwide are women. Long-standing biases and gender stereotypes are discouraging girls and women away from science-related fields and from pursuing a career in academia and in different professional environments, especially when linked to STEM fields. Science and gender equality are, however, essential to ensure sustainable development in all disciplines. In order to change traditional mindsets, gender equality must be promoted, stereotypes defeated, and girls and women should be encouraged to pursue academic careers. Therefore, *Frontiers in Education* is proud to offer this platform to promote the work of women scientists, educators and professionals, across all fields of STEM Education. Female representation still needs to be improved in key roles in the field, and the way in which an equitable education contributes to fairer and less biased academic and professional environments worldwide should be more investigated. The work presented here highlights the diversity of research performed across the entire breadth of STEM Education research and presents advances in theory, experiment, and methodology with applications to compelling problems.

Women in veterinary epidemiology and economics

Talking about Leaving Revisited discusses findings from a five-year study that explores the extent, nature, and contributory causes of field-switching both from and among "STEM" majors, and what enables persistence to graduation. The book reflects on what has and has not changed since publication of *Talking about Leaving: Why Undergraduates Leave the Sciences* (Elaine Seymour & Nancy M. Hewitt, Westview Press, 1997). With the editors' guidance, the authors of each chapter collaborate to address key questions, drawing on findings from each related study source: national and institutional data, interviews with faculty and students, structured observations and student assessments of teaching methods in STEM gateway courses. Pitched to a wide audience, engaging in style, and richly illustrated in the interviewees' own words, this book affords the most comprehensive explanatory account to date of persistence, relocation and loss in undergraduate sciences. Comprehensively addresses the causes of loss from undergraduate STEM majors—an issue of ongoing national concern. Presents critical research relevant for nationwide STEM education reform efforts. Explores the reasons why talented undergraduates abandon STEM majors. Dispels popular causal myths about why students choose to

leave STEM majors. This volume is based upon work supported by the Alfred P. Sloan Foundation Award No. 2012-6-05 and the National Science Foundation Award No. DUE 1224637.

Sustainable Technology and Advanced Computing in Electrical Engineering

Gender, Communication, and the Leadership Gap is the sixth volume in the Women and Leadership: Research, Theory, and Practice series. This cross-disciplinary series, from the International Leadership Association, enhances leadership knowledge and improves leadership development of women around the world. The purpose of this volume is to highlight connections between the fields of communication and leadership to help address the problem of underrepresentation of women in leadership. Readers will profit from the accessible writing style as they encounter cutting-edge scholarship on gender and leadership. Chapters of note cover microaggressions, authentic leadership, courageous leadership, inclusive leadership, implicit bias, career barriers and levers, impression management, and the visual rhetoric of famous women leaders. Because women in leadership positions occupy a contested landscape, one goal of this collection is to clarify the contradictory communication dynamics that occur in everyday interactions, in national and international contexts, and when leadership is digital. Another goal is to illuminate the complexities of leadership identity, intersectionality, and perceptions that become obstacles on the path to leadership. The renowned thinkers and scholars in this volume hail from both Leadership and Communication disciplines. The book begins with Sally Helgesen and Brenda J. Allen. Helgesen, co-author of *The Female Vision: Women's Real Power at Work*, discusses the two-fold challenge women face as they struggle to articulate their visions. Her chapter offers six practices women can use to relieve this struggle. Allen, author of the groundbreaking book, *Difference Matters: Communicating Social Identity*, discusses the implications of how inclusive leadership matters to women and what it means to think about women as people who embody both dominant and non-dominant social identity categories. She then offers practical communication strategies and an intersectional ethic to the six signature traits of highly inclusive leaders. Each chapter includes practical solutions from a communication and leadership perspective that all readers can employ to advance the work of equality. Some solutions will be of use in organizational contexts, such as leadership development and training initiatives, or tools to change organizational culture. Some solutions will be of use to individuals, such as how to identify and respond productively to micro-aggressions or how to be cautious rather than optimistic about practicing authentic leadership. The writing in this volume also reflects a range of styles, from in-depth scholarship that produces new knowledge to shorter forums that feature interesting ideas worth considering.

Women and Underrepresented Minorities in Computing

In theory, the EU's 'Gender Mainstreaming' policy should mark it out as a trail-blazer in gender equality, but gender equality activists in Europe confront a knotty problem; most civil servants and policy makers can't understand how to 'mainstream' gender. *Making Gender Equality Happen* argues that we should take this problem seriously. In this book Cavaghan uncovers the social processes that make gender appear irrelevant to so many policy makers using a new method, gender knowledge contestation analysis. Building on this new perspective Cavaghan identifies: barriers to effective gender mainstreaming; mechanisms of resistance to gender mainstreaming; and the steps towards positive change, which gender mainstreaming can yield, even when results stop short of 'transformation'. These findings present fresh perspectives for policy makers and activists aiming to make gender equality happen. Cavaghan's new method also opens fresh avenues in feminist EU studies, which are particularly relevant in the wake of the financial crisis, as the EU seems to be stepping away from its commitments to gender equality.

The Value Gap

"This timely and innovative book encourages us to 'flip the classroom' and empower our students to become content creators. Through creating digital media, they will not only improve their communication skills, but also gain a deeper understanding of core scientific concepts. This book will inspire science academics and science teacher educators to design learning experiences that allow students to take control of their own learning, to generate media that will stimulate them to engage with, learn about, and become effective communicators of science." Professors Susan Jones and Brian F. Yates, Australian Learning and Teaching Council Discipline Scholars for Science "Represents a giant leap forward in our understanding of how digital media can enrich not only the learning of science but also the professional learning of science teachers." Professor Tom Russell, Queen's University, Ontario, Canada

"This excellent edited collection brings together authors at the forefront of promoting media creation in science by children and young people. New media of all kinds are the most culturally significant forms in the lives of learners and the work in this book shows how they can move between home and school and provide new contexts for learning as well as an understanding of key concepts." Dr John Potter, London Knowledge Lab, Dept. of Culture, Communication and Media, University College London, UK

Student-generated Digital Media in Science Education supports secondary school teachers, lecturers in universities and teacher educators in improving engagement and understanding in science by helping students unleash their enthusiasm for creating media within the science classroom. Written by pioneers who have been developing their ideas in students' media making over the last 10 years, it provides a theoretical background, case studies, and a wide range of assignments and assessment tasks designed to address the vital issue of disengagement amongst science learners. It showcases opportunities for learners to use the tools that they already own to design, make and explain science content with five digital media forms that build upon each other—podcasts, digital stories, slowmation, video and blended media. Each chapter provides advice for implementation and evidence of engagement as learners use digital tools to learn science content, develop communication skills, and create science explanations. A student team's music video animation of the Krebs cycle, a podcast on chemical reactions presented as commentary on a boxing match, a wiki page on an entry in the periodic table of elements, and an animation on vitamin D deficiency among hijab-wearing Muslim women are just some of the imaginative assignments demonstrated. Student-generated Digital Media in Science Education illuminates innovative ways to engage science learners with science content using contemporary digital technologies. It is a must-read text for all educators keen to effectively convey the excitement and wonder of science in the 21st century.

The Discount Merchandiser

Bringing together an international range of expertise, this comprehensive Companion to Technology Management is designed to facilitate the development of management frameworks adaptable for a wide range of organizations, as well as an overview of the development and integration of technology in advanced and emerging economies. Research-based and drawing on a range of practical tools and international cases, it covers the diverse spectrum of the challenges of technology management and how to approach them: I Fundamentals of Technology Management provides an overview of the fundamental aspects of technology management. II Technology Planning focusses on technology-driven organizations, government labs and universities. III Technology Evaluation includes evaluation and assessment, adoption and forecasting through management tools. IV Technology Development and Transfer includes integration, marketing and intellectual property management. V Managing Technological Innovations addresses policy, open innovation and technology entrepreneurship. VI Society and Technology Management focusses on social issues which impact technology and its management. VII New Technologies and Emerging Regions includes blockchain, biotechnologies and smart cities. This Companion is an essential comprehensive source of new and emerging approaches for researchers and advanced students in engineering and technology management, as well as professionals seeking an authoritative global reference source.

How a City Learned to Improve Its Schools

Want to become a writer in the games industry? Then this is the book is for you. Award-winning game writer Anna Megill provides all the essential information and guidance you need to understand the industry and get your foot on the ladder. The book explains in simple, clear language exactly what a beginner needs to know about education requirements, finding job opportunities, applying for roles, and acing studio interviews. Professional writers will learn how to run a writers' room, manage a team, create documentation for various project phases, and navigate studio politics. The Pocket Mentor is designed to be a just-the-facts companion to The Game Writing Guide: Get Your Dream Job and Keep It, but it stands on its own as an invaluable go-anywhere resource for beginners and seasoned pros alike.

Becoming a Graphic and Digital Designer

Volume 3 documents the processes used, and institutions created, to bring computers and connectivity into schools, as a means of enhancing the use and integration of ICTs in teaching and learning. A range of project, administrative, and cultural settings are explored as are a wide variety of technical solutions. The results, observations, and conclusions presented in this book will be useful for policy-

and decision-makers in education and ICTs. The book will also be useful for teachers, researchers, and development practitioners and professionals with interests or active programs in the area of "ICT for development." Information technology professionals looking to service the potential education market will also find this book valuable.

CUET-PG Physical Education Practice Question Bank Book 3000+ Question Answer As Per Updated Syllabus

This book captures the essence of current workforce development perspectives and draws on extensive global research to uncover a range of issues confronting organisations. Taking primarily an Australian outlook after the global financial crisis and tracing the progress of a national industry sector, each chapter delves into a major area of interest for leaders. Overall, the authors make the case that workforce development is an amalgam of activities influenced by context, politics and economic development. As the world becomes increasingly connected and mobile, workforce development is proving to be a major activity for organisations because it impacts their longer-term survival and growth. To stay ahead, successful organisations focus on attracting, building, engaging and retaining talented people. However, in a financially turbulent era where strategy changes quickly, workforce development must not only plan and build the capabilities of people at work, but also contribute to making employment more socially sustainable for a better world. This book provides a thought-provoking collection of scholarly work for business leaders, human resource practitioners and academics working in adult education, business, psychology and social science disciplines. At the same time, it adopts an accessible style for students and others who want to know more about the development of people at work.

Women in STEM Education

From traditional brick and mortar to new start-ups, businesses are harnessing the power of digital enterprise as a cost-effective model to deliver goods and services online. Digital enterprise strategy is adopted for transforming business, streamlining processes, and making the best use of online technologies to enhance interaction with customers and employees and deliver excellent customer experience in real time. Digital enterprises increasingly need digital workers to establish greater digital skills to bear on every activity and to drive management, strategy, and innovation, which are key for digital enterprise transformation. The Handbook of Research on Management and Strategies for Digital Enterprise Transformation is a crucial reference source that discusses leveraging technology for the customers', employees', and suppliers' benefit, as well as integrating complex processes to management, marketing, production, manufacturing, and financial systems. Combining management, strategy, technology, and digital enterprise topics into one book provides the reader with a holistic understanding of the new developments in these emerging fields. This study will also include key topics of interest on how to address structural changes underway in the local and global business environment for digital enterprise transformation. Featuring research on topics such as e-commerce, organizational learning, and agile management, this book is ideally designed for business professionals, policymakers, researchers, students, and managers.

Talking about Leaving Revisited

Using "risk" as a conceptual lens, this book analyzes how communities across East Asia responded to the disruption unleashed by the COVID-19 pandemic. The contributors to this book look at how governments, societies, and individuals have perceived, experienced, dealt with and interpreted the pandemic and the transformations it has brought across countries like Japan, South Korea, Taiwan, Vietnam, and the Philippines. They examine pressing concerns such as infodemic, digital health literacy, media cynicism, telework, and digital inequalities in conjunction with issues such as public trust, identity formation, nationalism, and social fragmentation. They look at a wide range of questions relating to communication, mediation, and reactions to the challenges of the pandemic. An insightful resource for scholars of risk studies and of East Asian societies, the book is also a valuable reference for students and researchers of media and communication studies and sociology.

Gender, Communication, and the Leadership Gap

Science, Technology, Engineering, and Mathematics (STEM) programs work collaboratively to connect education and research at the institutional, national, and global levels. But what role do women play in STEM? In this very timely book, Carol Colatrella responds to the under-representation of women in STEM by considering how gender inflects literary and media representations. In her analysis of

fictional and cinematic texts that reference STEM, she investigates cultural tensions concerning sex roles--tensions that continue to be influential in today's world. *Toys and Tools in Pink* analyzes female character types that recur in fictional narratives in print, on television, and in the cinema: female criminals and detectives, mothers who practice medicine, and "babe scientists," among others. It also investigates how narrative settings and plots both subsume and influence cultural stereotypes of gender in prescribing salient professional and personal codes of conduct in the STEM fields. Literary and historical case studies in *Toys and Tools in Pink* examine issues of women's abilities in, access to, and management of science and technology. These issues appear in debates among university faculty, politicians, and public policy analysts concerned about women's participation in STEM fields. Current analyses of diverse fictions and films demonstrate a continuing interest in women's place in science and technology and also create new, evolving understandings of femininity and masculinity that revise earlier stereotypes.

Making Gender Equality Happen

Women of the Wild: Challenging Gender Disparities in Field Stations and Marine Laboratories (FSMLs) provides an interdisciplinary approach through the lens of communication to explore the gender disparities impacting women working at FSMLs.

Student-generated Digital Media in Science Education

Surviving or Thriving? The State of Parenthood in the Academy -- Thesis Baby : Getting Student-Parents the Support they Need -- How to Scale the Ladders While Sidestepping the Chutes : On Parenting without the Security of Tenure -- The Elusive Work-Life Balance : Daily Challenges in Academic Parenting -- Doctor, Parent : Recognizing the Range of Experiences -- Sick and Tired : The Physical Toll of Parenthood -- Love, Loss, and Longing : Fertility Struggles, Adoption, Miscarriage, and Infant/Child Loss -- Express Yourself : Breastfeeding and Lactation in the Ivory Tower -- Looking Back, Moving Forward : Conversation Starters for a More Inclusive Academic Environment.

The Routledge Companion to Technology Management

Offering fresh and exciting approaches to solving global problems, this book creatively views challenging social issues through the lens of racial and ethnic psychology. As the demographic makeup of the American population continues to evolve, understanding and addressing the psychological needs of ethnic minorities in the United States becomes more important to the overall health and well-being of society. This three-volume set is the first publication to explicitly tackle social issues from the perspective of racial and ethnic psychology. It uniquely presents racial and ethnic psychological perspectives on topics such as media, criminal justice, racism, climate change, gender bias, and health and mental health disparities. Volume one introduces readers to the basic scientific concepts of racial and ethnic minority psychology and then examines the intersectionality of race, ethnicity, gender, and sexual orientation. It also addresses how race and ethnicity affect communication styles, leadership styles, and media. The second volume discusses the experiences of individuals within racial and ethnic minorities, including overt racism, covert racism, and colonialism, and addresses how ethnic minority psychology plays a role in our educational system, poverty, global climate change, and sustainability. The third volume covers ethics in health and research, considers the causes of health and mental health disparities, and identifies diversity initiatives that can improve the health and well-being of all citizens, not just racial and ethnic minority citizens.

The Pocket Mentor for Video Game Writers

Information and Communication Technologies for Development in Africa: The experience with community telecenters