2013 PUBLICATIONS FROM PURDUE

PURDUE UNIVERSITY PRESS AND SCHOLARLY PUBLISHING SERVICES

Purdue University Libraries Publishing Division

www.lib.purdue.edu/publishing
This catalog highlights the 2013 output of the publishing division of Purdue Libraries. Products range from peer-reviewed books and journals produced under the imprint of Purdue University Press, to technical reports, conference proceedings, student and faculty journals, and digital reference products created with the assistance of Purdue Scholarly Publishing Services.

Through these two imprints, we aim to serve the scholarly communication needs of faculty, staff, and students across a continuum, from informal to formal publication. Our focus is on building signature collections of content in areas that Purdue University is famous for, ranging from aeronautics and astronautics to comparative literature.

Purdue University Press, founded in 1960, is guided by an editorial board of nine faculty members from around the University. All books and journal articles published by the Press are peer-reviewed, edited, and designed to the highest standards. The University Press operates on a business model that relies on earned revenue to cover direct program costs. We welcome manuscripts from scholars based outside as well as inside Purdue University. We are a proud member of the Association of American University Presses.

Purdue Scholarly Publishing Services, created formally in 2012, focuses on supporting the publication efforts of various centers and departments within the Purdue system. The primary publishing platform used is Purdue e-Pubs (www.purdue.edu/epubs) and the majority of products created are openly accessible, free-of-charge, to readers. Open Access is made possible by the financial support of partners, foundations, and Purdue University Libraries.

By harnessing the skills of both librarians and publishers, and leveraging a common infrastructure, we believe we can better serve the needs of scholars in the digital age. In this synergistic spirit, Purdue is proud to be one of the initiators of a project involving over 50 libraries to create a Library Publishing Coalition that will strengthen the capacity of university publishing nationwide.

Our various publishing activities are supported by a single group of staff members (listed to the right), with assistance from undergraduate students, and include several large-scale projects as well as many single publications.

Major initiatives include the production of the Journal of Purdue Undergraduate Research, the publication of technical reports on behalf of the Joint Transportation Research Program (JTRP), and the project management of HABRI Central, a major bibliographic reference database for researchers in the area of human-animal bond studies, produced in partnership with the Purdue College of Veterinary Medicine. You’ll find more details within the following pages.

Find out more about the publishing division of Purdue Libraries online at www.lib.purdue.edu/publishing
INTEGRATING INFORMATION INTO THE ENGINEERING DESIGN PROCESS

Michael Fosmire and David Radcliffe (Eds.)

Engineering design is a fundamental problem-solving model used by the discipline. Effective problem solving requires the ability to find and incorporate quality information sources. To teach courses in this area, educators need to understand the information needs of engineers and engineering students and their information-gathering habits. This book provides essential guidance for engineering faculty and librarians wishing to better integrate information competencies into their curricular offerings. The treatment of the subject matter is pragmatic, accessible, and engaging. Rather than focusing on specific resources, the book adopts a process-driven approach that outlasts changing information technologies.

After several chapters introducing the conceptual underpinnings of the book, a sequence of shorter contributions go into more detail about specific steps in the design process and the information needs for those steps. While they are based on the latest research and theory, the emphasis of the chapters is on usable knowledge. Designed to be accessible, they also include illustrative examples drawn from specific engineering subdisciplines to show how the core concepts can be applied.

Contents: Information Literary and Lifelong Learning (Michael Fosmire); Conceptions of Engineering Design (David Radcliffe); How Engineers Use Design Information in Practice (Michael Fosmire); Social Responsibility and Engineering Design (Megan Sapp Nelson and Donna Ferullo); Developing Information Literacy Skills in Engineering Design (David Radcliffe and Michael Fosmire); Developing a Knowledge-Management Strategy (Jon Jeffryes); Understanding the Task (Megan Sapp Nelson); Understanding the Context (Amy Van Epps and Monica Cardella); Taking Advantage of Prior Art (Jim Clarke); Evaluating Potential Solutions (Jeremy Garritano); Finding the Most Suitable Materials and Components (Jay Bhatt); Meeting Standards, Codes, and Regulations (Bonnie Osif); Persuading with Integrity (Patrice Buzzanell and Carla Zoltowski); Capturing Lessons from the Project (Michael Fosmire and David Radcliffe).

KEY POINTS

- Tailors research and best practices in information literacy instruction to inform educators working in engineering and technology disciplines.
- Provides a valuable resource for disciplinary and library faculty to work together to teach information competencies to undergraduate students.
- Combines cutting-edge theory with practical strategies for use in the classroom and lab.

MICHAEL FOSMIRE is the Head of the Physical Sciences, Engineering, and Technology Division of the Purdue University Libraries and Professor of Library Science. He has written extensively on the role of information in active-learning pedagogies and the integration of information literacy in science and technology curricula.

DAVID RADCLIFFE is the Kamyar Haghighi Head of the School of Engineering Education and the Epistemology Professor of Engineering Education at Purdue University. His teaching and research interests span design, sustainable systems, engineering education and professional development, innovative learning spaces, and knowledge management.
PERSPECTIVES IN BIOETHICS, SCIENCE, AND PUBLIC POLICY

Jonathan Beever and Nicolae Morar (Eds.)

In this book, nine thought-leaders engage with some of the hottest moral issues in science and ethics. Based on talks originally given at the annual Purdue Lectures in Ethics, Policy, and Science, the chapters explore interconnections between the three areas in an engaging and accessible way. Addressing a mixed public audience, the authors go beyond dry theory to explore some of the difficult moral questions that face scientists and policy-makers every day.

The introduction presents a theoretical framework for the book, defining the term “bioethics” as extending well beyond human well-being to wider relations between humans, nonhuman animals, the environment, and biotechnologies. Three sections then explore the complex relationship between moral value, scientific knowledge, and policy making. The first section starts with thoughts on nonhuman animal pain and moves to a discussion of animal understanding. The second section explores climate change and the impact of “green” nanotechnology on environmental concerns. The final section begins with dialog about ethical issues in nanotechnology, moves to an exploration of bio-banks (a technology with broad potential medical and environmental impact), and ends with a survey of the impact of biotechnologies on (synthetic) life itself.

CONTENTS

KEY POINTS
• Complex ideas about science and ethics are conveyed in an accessible way.
• Includes contributions from some of the most distinguished thinkers in this field.
• Wide-ranging coverage of scientific fields, from veterinary medicine to nanotechnology.

COMPANION SKYPEPACK AVAILABLE
Skyepack is an easy-to-use, cloud-based technology that allows anyone to create, curate, and deliver media-rich interactive “packs” that are instantly deployed to the web and iOS/Android mobile devices, where they are stored natively for anytime/anywhere viewing. www.skyepack.com
UNDERSTANDING THE GLOBAL ENERGY CRISIS

Eugene D. Coyle and Melissa J. Dark (Eds.)

We are facing a global energy crisis caused by world population growth, an escalating increase in demand, and continued dependence on fossil-based fuels for generation. It is widely accepted that increases in greenhouse gas concentration levels, if not reversed, will result in major changes to world climate with consequential effects on our society and economy. This is just the kind of intractable problem that Purdue University’s Global Policy Research Institute seeks to address by promoting the engagement between policy makers and experts in fields such as engineering and technology.

Major steps forward in the development and use of technology are required. In order to achieve solutions of the required scale and magnitude within a limited timeline, it is essential that engineers be not only technologically adept but also aware of the wider social and political issues that policy makers face. Likewise, it is also imperative that policy makers liaise closely with the academic community in order to realize advances. This book is designed to bridge the gap between these two groups, with a particular emphasis on educating the socially conscious engineers and technologists of the future.

In this accessibly written volume, central issues in global energy are discussed through interdisciplinary dialogue between experts from both North America and Europe. The first section provides an overview of the nature of the global energy crisis approached from historical, political, and sociocultural perspectives. In the second section, expert contributors outline the technology and policy issues facing the development of major conventional and renewable energy sources. The third and final section explores policy and technology challenges and opportunities in the distribution and consumption of energy, in sectors such as transportation and the built environment. The book’s epilogue suggests some future scenarios in energy distribution and use.

KEY POINTS

- Outlines the key components of the global energy crisis from a range of perspectives.
- Provides concise summaries of major technological and policy issues in energy production, distribution, and use.
- Contributors are world-experts in their respective fields of engineering and technology.
SPACEWALKER
My Journey in Space and Faith as NASA’s Record-Setting Frequent Flyer

Jerry L. Ross with John Norberg

From the age of ten, looking up at the stars, Jerry Ross knew that he wanted to journey into space. This autobiography tells the story of how he came not only to achieve that goal, but to become one of the most-launched astronauts in history, as well as a NASA veteran whose career spanned the entire US Space Shuttle program. From his childhood in rural Indiana, through education at Purdue University, and a career in the US Air Force, Ross charted a path to NASA after overcoming many setbacks—from failing to qualify for Air Force pilot training because of “bad” eyesight, to an initial failure to be selected into the astronaut program.

The majority of the book is an insider’s account of the US Space Shuttle program, including the unforgettable experience of launch, the delights of weightless living, and the challenges of constructing the International Space Station. Ross is a uniquely qualified narrator. During seven spaceflights, he spent 1,393 hours in space, including 58 hours and 18 minutes on nine space walks. Life on the ground is also described, including the devastating experiences of the Challenger and Columbia disasters.

For readers who have followed the space program from Mercury through the International Space Station and wonder what comes next, this book provides fascination; for young people interested in space exploration and reaching for their dreams, whatever they might be, this book provides inspiration. Full of stories of spaceflight that few humans have ever experienced, told with humor and honesty, Spacewalker presents a unique perspective on the hard work, determination, and faith necessary to travel beyond this world.

“As an astronaut for over three decades, one who participated in some of the most challenging and exciting Shuttle missions, Jerry Ross knows spaceflight. In Spacewalker, he details the exultation of actually being in space and brings to life the realities of preparing for and executing one of the most difficult of all human endeavors. Spacewalker is the book for anyone who ever dreamed of flying in space.”

—NEIL ARMSTRONG, Commander of Apollo 11 (June 2012)

KEY POINTS

• An insider’s account of the US Space Shuttle program, from before its first launch through the final landing, and the building of the International Space Station.
• A firsthand account of life in space from the first human to fly seven missions.
• An inspirational story of a personal journey from rural Indiana to outer space, powered by a deep Christian faith.
APP:
Available for Apple iPad through the App Store, the Spacewalker app developed by KiwiTech includes the complete text of Spacewalker, the book; almost thirty videos, documenting Jerry Ross’s career with commentary; over fifty images, also with commentary by Jerry Ross; a dynamic timeline of Jerry Ross’s life; and an interactive quiz.

COLLECTION:
The Jerry Ross collection of papers, artifacts, images, and videos is housed at Purdue University. An online exhibition previews some of the artifacts in the collection. As part of the Barron Hilton Flight and Space Exploration Archives, Jerry Ross’s papers join those of astronauts Neil Armstrong, Roy Bridges, Jr., Eugene Cernan, and Janice Voss.

E-BOOK:
Available for compatible devices, the enhanced e-book version of Spacewalker contains additional images and videos with commentary by Jerry Ross. It can be purchased through the Apple iBookstore, kobobooks.com, and the Nook store on bn.com. A version of the book without enhancements is also available for the Amazon Kindle.

JERRYLROSS.COM:
The website www.jerryross.com is astronaut Jerry Ross’s personal home on the web.

It provides biographical information, a photo gallery, links to further sources of information (including the book, app, and collection at Purdue), and a means of contacting Jerry Ross.

Perhaps most importantly, it includes announcements and updates about a full program of book signings and special events happening all over North America during 2013.
CHEERIO AND BEST WISHES
Letters from a World War II Hoosier Pilot

Ralph H. Schneck and Donald R. Schneck

This is the true story of a young boy from Posey County, Indiana, who had a dream to fly. The outbreak of World War II enabled him to fulfill that dream. Cheerio and Best Wishes is told entirely through the letters Ralph H. Schneck wrote to his family and friends. Detailed narrative and commentary from his son provide explanation and background information.

One hundred thirty-eight letters are presented in this book. It is highly unusual to find this many letters from one person, curated by his family and recently rediscovered by his son, along with carefully created photograph albums. The story starts in rural southern Indiana and follows the young volunteer as he goes westward to California and New Mexico to be trained to fly bombers. From the United States, he travels via South America and North Africa to England and deploys with the Eighth Air Force. The accounts of his journeys and experiences are detailed, ranging from entertaining to spine-tingling. Moments of high drama intermingle with the mundane nature of war.

Together the letters and pictures in this book (the originals are now preserved for posterity in the Barron Hilton Flight and Space Exploration Archives at Purdue) offer a comprehensive and cohesive story of how US airmen were prepared and trained for war, and detail the daily experience of a bomber pilot flying missions over Germany. The letters of one young flyer reflect the experience of thousands of Americans who volunteered to go to war in the 1940s. His experiences were those of a generation.

KEY POINTS

- A uniquely detailed, firsthand account of the life of a World War II US airman.
- Based on a new collection of previously unknown letters and photographs.
- Describes the complete journey of a young flyer, from volunteering, through training, to life at the front line.

Ralph H. Schneck was a young man working for a grocery distributor in Evansville, Indiana, in 1941. When the world erupted in war, it threw Ralph and thousands like him into military service. Ralph excelled in every aspect of his training, becoming a respected lead pilot in the Eighth Air Force. After a short period of civilian life, he was recalled to active duty and served in the US Air Force for twenty-five years before retiring.

Donald R. Schneck was born during his father’s short civilian career and raised on Air Force bases until he graduated from college. He worked in business and industry for over forty years, living in the Midwest and Eastern United States. After writing marketing and promotional material for most of his career, he also has turned to writing in his retirement. Cheerio and Best Wishes is his first nonfiction work.
FOR THE GOOD OF THE FARMER
A Biography of John Harrison Skinner, Dean of Purdue Agriculture

Frederick Whitford

The key role that farming plays in the economy of Indiana today owes much to the work of John Harrison Skinner (1874–1942). Skinner was a pioneering educator and administrator who transformed the study of agriculture at Purdue University during the first decades of the twentieth century. From humble origins, occupying one building and 150 acres at the start of his career, the agriculture program grew to spread over ten buildings and 1,000 acres by the end of his tenure as its first dean.

A focused, single-minded man, Skinner understood from his own background as a grain and stock farmer that growers could no longer rely on traditional methods when adapting to a rapidly changing technological and economic environment, in which tractors were replacing horses and new crops such as alfalfa and soy were transforming the arable landscape. Farmers needed education, and only by hiring the best and brightest faculty could Purdue give them the competitive edge that they needed.

While he excelled as a manager and advocate for Indiana agriculture, Skinner never lost touch with his own farming roots, taking especial interest in animal husbandry. During the course of his career as dean (1907–1939), the number of livestock on Purdue farms increased fourfold, and Skinner showed his knowledge of breeding by winning many times at the International Livestock Exposition. Today, the scale of Purdue’s College of Agriculture has increased to offer almost fifty programs to hundreds of students from all over the globe. However, at its base, the agricultural program in place today remains largely as John Harrison Skinner built it, responsive to Indiana but with its focus always on scientific innovation in the larger world.

KEY POINTS

- Profiles a notable Hoosier, whose previously little-known contributions transformed American agriculture.
- Contributes importantly to the growing field of agricultural history, illustrating important changes in technology and education in the early twentieth century.
- Documents the life and work of one of the founding fathers of Purdue University, especially its world-class College of Agriculture.

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E-book available, $42.99
580 pages • September 2013 • 6 × 9

The Founders Series

FREDERICK WHITFORD works for the Purdue Cooperative Extension Service in the College of Agriculture. He received a BS in wildlife management from Louisiana Tech University, and an MS and PhD in entomology from Iowa State University. He has authored more than 250 research, extension, and regulatory publications, and has delivered at least 4,000 presentations to a wide array of audiences. He has written several other books about the history of Indiana agriculture, all published by Purdue University Press.
The use of animals by psychotherapists has been a growing trend. Psychological problems treated include emotional and behavioral problems, attachment issues, trauma, and developmental disorders. An influential 1970s survey suggests that over 20 percent of therapists in the psychotherapy division of the American Psychological Association incorporated animals into their treatment in some fashion. Anecdotal evidence suggests that the number is much higher today.

Since Yeshiva psychologist Boris Levinson popularized the use of animals in the 1960s, Israel has come to be perhaps the most advanced country in the world in the area of animal-assisted psychotherapy (AAP). This is true especially in the area of training programs, theory-building, and clinical practice. Great effort has been put into understanding the mechanisms behind AAP, as well as into developing ethical guidelines that take into account the therapist’s responsibility toward both client and animal.

This book exposes the world to the theory and practice of AAP as conceived and used in Israel. It emphasizes evidence-based and clinically sound applications, differentiating between AAP, a psychotherapeutic approach, and AAE (animal-assisted education) and AAA (animal-assisted activities), both of which are psychoeducational. Not anyone and his/her dog can become an animal-assisted therapist, and this volume demonstrates not only the promise of animal-assisted psychotherapeutic approaches, but also some of the challenges the field still needs to overcome to gain widespread legitimacy.

“This book] puts together scholarship on many perspectives of how animals fit into the therapeutic milieu. It is very readable and great clinical vignettes are used to illustrate the authors’ points.”

—ERIKA FRIEDMANN, University of Maryland

KEY POINTS

- Establishes the theoretical and ethical foundations for this growing field.
- Demonstrates the strong evidence base for the use of animals in psychotherapy.
- Presents practical guidance for therapists interested in using animals in their work.
The relationships between humans and animals take many forms: the unconditional love between a family and its pet cat, the quiet confidence shared between a dog and a child struggling to read, the simple comforts offered to a hospice patient by the presence of a companion animal. These relationships have far-reaching social, psychological, and physiological implications for both the people and animals involved.

Until now, there has been no easy way for those studying these relationships to access and share information. HABRI Central (HABRI stands for the Human-Animal Bond Research Initiative) is the first online resource designed to provide a comprehensive home for information pertaining to all aspects of the human-animal bond. It builds on decades of leadership in the field by Alan M. Beck, director of the Center for the Human-Animal Bond at Purdue, and editor of the book series *New Directions in the Human-Animal Bond*.

Based on the powerful HUBzero platform for scientific collaboration, HABRI Central houses a living bibliography of thousands of hand-picked entries linked to human-animal bond resources as well as the full content of peer-reviewed journal articles, books, white papers, videos, datasets and more. These resources are selected by expert librarians from a wide variety of fields, including veterinary medicine, nursing, psychology, sociology, law, and philosophy. These library resources are enriched by the thoughts, opinions, advice, and insight of members from all corners of the human-animal bond community, including veterinary practitioners, academic researchers, policymakers, human health care specialists, pet owners, and more. Best of all, these resources are available free of charge to all users.

Signing up for HABRI Central is free and easy; simply go to habricentral.org/register to receive your account or log in with your social media credentials. Once registered, you will be able to participate in community discussions and contribute to the HABRI Central library. Just as the human-animal bond comprises the work of many individuals from many different groups, so too does HABRI Central.

Without the participation of everyone involved in the study and use of the human-animal bond, we miss part of the bigger picture. Your involvement is essential to making sure that HABRI Central represents all individuals and groups working to improve our understanding of the human-animal bond.

HABRI Central is a joint project between Purdue Libraries and Purdue’s College of Veterinary Medicine, made possible by generous support of the HABRI Foundation, a coalition of for-profit and non-profit organizations that conducts research, education, and other charitable activities that validate the positive impact the human-animal bond can have on the integrated health of families and communities.

For more information, contact Project Manager Christopher Charles: cccharle@purdue.edu
YOUR IDEAL CAT
Insights into Breed and Gender Differences in Cat Behavior

Benjamin L. Hart and Lynette A. Hart

For a happy relationship with your cat, go beyond the looks and make your pick based on demonstrated breed behavior. This is the advice of the Harts, two experts in animal communication and behavior, whose new book takes the process of selecting a cat to the next level by offering data-based behavioral profiles of a wide range of cat breeds.

Developed over a lifetime of research and through extensive interviews with eighty veterinary experts, the profiles are presented in easy-to-use graphical form. A history of the development of different breeds is presented, and then breed-specific differences across a range of variables are discussed. These include twelve behavioral traits, in areas such as affection, sociality, activity level, and litter box use. After giving guidance about choosing a cat, the authors present some strategies for avoiding problem behaviors and resolving those that emerge. They also share fascinating theories about the origins of various common cat behaviors, including purring, yawning, eating grass, “flipping out” on catnip, and staking out territory.

While the focus is on purebred cats, there is also lots of good information for owners of blends. The book ends with helpful guidance on further reading. Based on the latest science, this is a great book for anyone interested in the fundamental building blocks of feline behavior, and an invaluable handbook for cat owners.

“A hastily made, uninformed decision based on seeing a cute kitten might lead to an unhappy relationship with your cat. By carefully choosing a breed and gender using the information in the behavioral profiles provided in this book, you can anticipate a happy and loving long-term relationship with your new feline family members.”

—FROM THE PREFACE

KEY POINTS

- Written by two leading experts on feline behavior.
- Presents comprehensive behavioral profiles for each major cat breed.
- Gives practical tips for adopting a perfect cat.
VETERINARY MEDICAL SCHOOL
ADMISSION REQUIREMENTS (VMSAR)
2013 Edition for 2014 Matriculation

Association of American Veterinary Medical Colleges

This annually updated publication provides a comprehensive overview of the admission process for the national and international veterinary schools that are members of the Association of American Veterinary Medical Colleges (AAVMC).

The following need-to-know information is provided for each school: summary of application procedure; requirements for application and residency; prerequisites for admission; deadlines for each component of the application process; description of campus and campus life; and cost of tuition and fees.

Additional information includes an overview of the Veterinary Medical College Application Service (VMCAS) and information about the accreditation of veterinary schools and professional licensure as a veterinarian.

The book provides the best concise, current, and comparative information for those students interested in preparing for a career in veterinary medicine, as well as their advisors and counselors.

“These are exciting times for veterinary medicine, a profession that bridges animal, human, and ecosystem health. We understand that getting started and making sense of all the choices and requirements can be challenging, but you’ve come to the right place by accessing this publication, which provides the essential information you need to begin your journey.”

—DR. ANDREW MACCABE,
AAVMC Executive Director

KEY POINTS

- The definitive guide to getting into vet school.
- Up-to-date descriptions of different colleges.
- Now available in e-book formats for easy access on mobile devices.

ASSOCIATION OF AMERICAN VETERINARY MEDICAL COLLEGES
The AAVMC is a non-profit membership organization working to protect and improve the health and welfare of animals, people, and the environment by advancing academic veterinary medicine. Today, the AAVMC provides leadership for an academic veterinary medical community that includes all 28 colleges of veterinary medicine in the United States; nine departments of veterinary science; nine departments of comparative medicine; all five veterinary medical colleges in Canada; 12 accredited colleges of veterinary medicine overseas; and four affiliate members.
NAVIGATING DIVERSITY AND INCLUSION IN VETERINARY MEDICINE

Lisa M. Greenhill, Kauline Cipriani Davis, Patricia M. Lowrie, and Sandra F. Amass (Eds.)

This book addresses the continued lack of the diversity in veterinary medicine, the least inclusive of all medical professions. Effective navigation of the complexity of diversity and inclusion in veterinary medicine requires clear enumeration, recognition, and understanding of key issues, challenges, and opportunities. In a nation with rapidly changing demographics, public needs and expectations of the veterinary profession will continue to evolve. A more diverse scientific workforce is required to feed the veterinary profession, not just for the purpose of equity, but as a necessity for its sustainability and relevance.

The book lays out the history of diversity in the veterinary profession, in the context of historical changes and actions within US society. An overview of selected strategies from dental, pharmacy, and (human) medical schools is then offered. The impact of social constructs on career interest development is explored using the examples of race, gender, sexual orientation, and gender identity. Practical strategies for attracting preschool through undergraduate students to careers in the veterinary profession are presented, as well as metrics and tools to assess the impact of diversity and inclusiveness strategies.

A systems approach to diversity and inclusiveness in the veterinary profession is called for in a manner that frames barriers as opportunities for improvement and progress. There is much that needs to happen to achieve professional inclusiveness and cultural competency, but the path to achieving this is clear. System-wide commitment, planning, execution, and continuous assessment will position the profession to better suit the population of the nation and the world that will be served. This book is a call to action for consistent championship and cohesive approaches, and it provides a road map to building a sustainably inclusive future.

KEY POINTS

- The first book-length study of diversity and inclusiveness in veterinary medicine, the least diverse field in health sciences.
- Provides practical strategies for promoting inclusiveness.
- Lays out a range of tools for measuring the impact of inclusiveness programs.
FAT DOGS AND COUGHING HORSES
ANIMAL CONTRIBUTIONS TOWARD A HEALTHIER CITIZENRY

Published by the Purdue College of Veterinary Medicine with the support of a Science Education Partnership Award (SEPA) from the National Institutes of Health (NIH), a series of highly illustrated picture books introduce K-9 children to the excitement of science, using inspirational case studies, fun activities, and compelling storylines. The books have been designed to map to core curricular standards.

Free PDF copies of these volumes can be downloaded from docs.lib.purdue.edu/vetbooks
Copyright law is a critical issue for authors, librarians, publishers, and information vendors. It is also a complex area, with many shades of gray. Librarians continually need to seek answers to questions ranging from the reproduction of copyrighted works for library users, through the performance of audiovisual works, to the digitization and display of protected works on library websites. This book presents updated versions of the author's copyright columns published in Against the Grain, the leading journal in acquisitions librarianship since the late 1990s. It is the first volume in the series Charleston Insights in Library, Archival, and Information Sciences. The aim of the Charleston Insights series is to focus on important topics in library and information science, presenting the issues in a relatively jargon-free way that is accessible to all types of information professionals, including librarians, publishers, and vendors, and this goal shapes the pragmatic and accessible tone of the book.

The volume is presented in question-and-answer format. The questions are real, submitted by librarians, educators, and other information professionals who have attended the author’s copyright law workshops and presentations or submitted them to her by e-mail or telephone. The author has selected the questions and answers that have general applicability. She has then arranged them into logical chapters, each prefaced by a short introduction to the topic. Because it is written in an accessible and clear style, readers may want to review the entire work or they can just access particular chapters or even specific questions as they need them. The volume includes an index to facilitate reference use.

“Few professionals can rival the depth of experience and seasoned perspective that Lolly Gasaway brings to the challenge of understanding copyright for libraries. Her Q&A style will inform, provoke, and at times even entertain readers who need to grasp the law’s practical implications.”

—KENNETH D. CREWS, Director of the Copyright Advisory Office, Columbia University Libraries, and faculty member in the Columbia Law School

KEY POINTS

- Answers to the most common copyright questions real librarians ask, selected from over a decade of Q&A columns.
- The author is a well-known expert in this area, respected in both legal and library circles.
- Answers are updated to take account of the latest case law in this complex and rapidly moving field.
RESEARCH DATA MANAGEMENT
Practical Strategies for Information Professionals

Joyce M. Ray (Ed.)

It has become increasingly accepted that important digital data must be retained and shared in order to preserve and promote knowledge, advance research in and across all disciplines of scholarly endeavor, and maximize the return on investment of public funds.

To meet this challenge, colleges and universities are adding data services to existing infrastructures by drawing on the expertise of information professionals who are already involved in the acquisition, management, and preservation of data in their daily jobs. Data services include planning and implementing good data management practices, thereby increasing researchers’ ability to compete for grant funding and ensuring that data collections with continuing value are preserved for reuse.

This volume provides a framework to guide information professionals in academic libraries, presses, and data centers through the process of managing research data from the planning stages through the life of a grant project and beyond. It illustrates principles of good practice with use-case examples and illuminates promising data service models through case studies of innovative, successful projects and collaborations.

Contributors include: James L. Mullins, Purdue University; MacKenzie Smith, University of California at Davis; Andrew Sallans, University of Virginia; Bernard Reilly, Center for Research Libraries; Jacob Carlson, Purdue University; Melissa Levine, University of Michigan; Jenn Riley, University of North Carolina at Chapel Hill; Jan Brase, German National Library of Science and Technology; Jared Lyle, University of Michigan; Tyler Walters, Virginia Tech; Michele Kimpton, DuraSpace; David Minor, University of California, San Diego; Suzie Allard, University of Tennessee; Angus Whyte, Digital Curation Centre; Scott Brandt, Purdue University; Brian Westra, University of Oregon; Geneva Henry, Rice University; Gail Steinhart, Cornell University; and Clifford Lynch, Coalition for Networked Information.

KEY POINTS

- Provides practical guidance on the management of digital data to libraries of all sizes.
- Emphasizes the social as well as technical aspects of data management.
- Includes a range of case studies, showing how all the parts of the process come together in a single institution.

Charleston Insights in Library, Archival, and Information Sciences

Joyce M. Ray teaches digital preservation and digital curation in the Johns Hopkins University Graduate Museum Studies program. She is currently a visiting professor at the Berlin School of Library and Information Science at Humboldt University. From 1997 to 2011 she was associate deputy director for library services at the Institute of Museum and Library Services in Washington, DC, where she directed competitive grant programs that awarded more than $40 million annually for applied research and innovation in library services and the education of library and information science professionals. She previously held positions at the US National Archives and Records Administration and the University of Texas Health Science Center at San Antonio Library.
ACCENTUATE THE POSITIVE: CHARLESTON CONFERENCE PROCEEDINGS 2012

Beth R. Bernhardt, Leah H. Hinds, and Katina P. Strauch (Eds.)

Over seventy presentations from the 32nd annual Charleston Library Conference (held November 7–10, 2012) are included in this annual proceedings volume. Major themes of the meeting included alternative metrics for measuring impact, patron-driven acquisition, Open Access monographs, the future of university presses, and techniques for minimizing duplication and emphasizing the unique in library collections.

The Charleston meeting remains a core one for acquisitions librarians in dialog with publishers and vendors. The breadth of coverage of this volume reflects the fact that this conference is now one of the major venues for leaders in the publishing and library communities to shape strategy and prepare for the future.

Over 1,500 delegates attended the 2012 meeting, ranging from the staff of small public library systems to the CEOs of major corporations. This fully indexed, copyedited volume provides a rich source for the latest evidence-based research and lessons from practice in a range of information science fields. The contributors are leaders in the library, publishing, and vendor communities.

KEY POINTS

• Presents the latest research and lessons-from-the-field often years before this appears in journal literature.
• Logically organized and comprehensively indexed to maximize easy access to must-have information.
• Provides a written record of the largest international meeting of librarians and publishers.

COMPANION WEB RESOURCE AVAILABLE
COMPOSING THE PARTY LINE

Music and Politics in Early Cold War Poland and East Germany

David G. Tompkins

This book examines the exercise of power in the Stalinist music world as well as the ways in which composers and ordinary people responded to it. It presents a comparative inquiry into the relationship between music and politics in the German Democratic Republic and Poland from the aftermath of World War II through Stalin’s death in 1953, concluding with the slow process of de-Stalinization in the mid- to late-1950s. The author explores how the Communist parties in both countries expressed their attitudes to music of all kinds, and how composers, performers, and audiences cooperated with, resisted, and negotiated these suggestions and demands.

Based on a deep analysis of the archival and contemporary published sources on state, party, and professional organizations concerned with musical life, Tompkins argues that music, as a significant part of cultural production in these countries, played a key role in instituting and maintaining the regimes of East Central Europe. As part of the Stalinist project to create and control a new socialist identity at the personal as well as collective level, the ruling parties in East Germany and Poland sought to saturate public space through the production of music. Politically effective ideas and symbols were introduced that furthered their attempts to, in the parlance of the day, “engineer the human soul.”

Music also helped the Communist parties establish legitimacy. Extensive state support for musical life encouraged musical elites and audiences to accept the dominant position and political missions of these regimes. Party leaders invested considerable resources in the attempt to create an authorized musical language that would secure and maintain hegemony over the cultural and wider social worlds. The responses of composers and audiences ran the gamut from enthusiasm to suspicion, but indifference was not an option.

KEY POINTS

- A comprehensive overview of the music world in the GDR and Poland in the formative post-WWII decades.
- Presents a rare comparative treatment of how Communist regimes in different countries differed in how they exercised social and cultural control.
- Based on substantial archival and documentary research, the book covers the music world from high to low, popular to serious, and examines the varying perspectives of party officials, composers, and audiences.

Paperback, 978-1-55753-647-1 • $39.95 (s)
E-book available, $19.99
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Central European Studies

DAVID G. TOMPKINS teaches the history of modern Europe at Carleton College in Northfield, Minnesota. In addition to research interests in music and communism, he writes on the cultural history of Central Europe more broadly and is currently working on a project that looks at images of friends and enemies in the communist world. He lives in Minneapolis with his wife and daughter.
FASHIONING JEWS

Clothing, Culture, and Commerce

Leonard J. Greenspoon (Ed.)

This volume presents papers delivered at the 24th Annual Klutznick-Harris Symposium, held at Creighton University in October 2011. The contributors look at all aspects of the intimate relationship between Jews and clothing, through case studies from ancient, medieval, recent, and contemporary history. Papers explore topics ranging from Jewish leadership in the textile industry, through the art of fashion in nineteenth-century Vienna, to the use of clothing as a badge of ethnic identity, in both secular and religious contexts.

Contents: Shmattas in the North, Shmattas in the South: The Civil War and the Birth of the American Clothing Industry (Adam Mendelsohn); Weimar Jewish Chic from Wigs to Furs: Jewish Women and Fashion in 1920s Germany (Kerry Wallach); Jewish Photographers and the Body in the Weimar Republic (Nils Roemer); Female Tallitot: Creating American Jewish Women’s Religious Experience through Fashion (Rachel Gordan); Clothes and the Weaving of American Jewish Comedy (Ted Merwin); The Jewish Badge in Renaissance Italy: The Iconic O, the Yellow Hat, and the Paradoxes of Distinctive Sign Legislation (Flora Cassen); How a Rabbi Should Be Dressed: The Question of Cassock and Clerical Clothing among Italian Rabbis from the Renaissance to Contemporary Times (Asher Salah); The “Disinherited” Priesthood: A Look into Biblical Israel’s Unshod Priest (Christine Palmer); Costume and Identity in the Dura Europos Synagogue Paintings (Steven Fine); Picturing Vienna’s New Woman: Madame d’Ora meets Ella Zwieback-Zirner (Lisa Silverman); Aboriginal Yarmulkes, Ambivalent Attire, and Ironies of Contemporary Jewish Identity (Eric Silverman); Fashioning Jews on the Screen: The Impact of Dress on Crafting the Jewish Image in Film and Television (Brian Amkraut).

KEY POINTS

- Presents fascinating case studies on the formative roles Jews have played in creating the international fashion and textile industries.
- Explores how clothing has been used by both Jews and their persecutors to mark ethnic and religious identity.
- Covers a broad range of different cultural and chronological contexts, revealing diachronic patterns in the relationship between Jews and their clothes.
AMERICAN POLITICS AND THE JEWISH COMMUNITY

Dan Schnur (Ed.)

At its broadest level, politics is the practice of making a community a better, safer, and more tolerant place to live. So it should be of no surprise that America’s Jews have devoted themselves to civic engagement and the democratic process. From before the Revolutionary War to the early twenty-first century, when America saw the first Jewish vice presidential nominee of a major party and the first Jewish Speaker of the House of Representatives, the Jewish community has always devoted itself to public service, issue advocacy, and involvement in politics and government at every level.

While strong support for the safety and security of the state of Israel has been a hallmark of US foreign policy since Israel’s founding, it is by no means the only policy area in which American Jews are involved. Nor are American Jews monolithic in their politics. Although the Jewish community has become a reliable part of the Democratic Party’s base in most partisan elections, American Jews represent a wide range of ideologies on most economic and foreign policy matters. In addition to becoming leaders in business and labor, in academia and in philanthropy, Jewish Americans have always helped shape the discussion over the issues that form the country’s future.

In this volume, a mix of professors, graduate students, and lay people in the field of politics with a breadth of experience debate some central questions: Is Israel still the most important policy concern for American Jews? Why does the Jewish community vote Democratic in such overwhelming numbers? Can American Jews balance economic, security, and human rights concerns in a rapidly changing international community? And how will such profound transformations affect the role of America’s Jewish community as the United States seeks out its own role in domestic and global politics?

KEY POINTS

• Explores the diverse issues that are important to today’s Jewish American voters, far from a monolithic bloc.
• Presents an up-to-date analysis of Jewish American involvement in US politics.
• Identifies possible future trends in voting behavior.
Established as a Jewish settlement in 1909 and dedicated a year later, Tel Aviv has grown over the last century to become Israel’s financial center and the country’s second largest city. This book examines a major period in the city’s establishment when Jewish architects moved from Europe, including Alexander Levy of Berlin, and attempted to establish a new style of Zionist urbanism in the years after World War I.

The author explores the interplay of an ambitious architectural program and the pragmatic needs that drove its chaotic implementation during a period of dramatic population growth. He explores the intense debate among the Zionist leaders in Berlin in regard to future Jewish settlement in the land of Israel after World War I, and the difficulty in imposing a town plan and architectural style based on European concepts in an environment where they clashed with desires for Jewish revival and self-identity. While “modern” values advocated universality, Zionist ideas struggled with the conflict between the concept of “New Order” and traditional and historical motifs.

As well as being the first detailed study of the formative period in Tel Aviv’s development, this book presents a valuable case study in nation-building and the history of Zionism. Meticulously researched, it is also illustrated with hundreds of plans and photographs that show how much of the fabric of early twentieth-century Tel Aviv persists in the modern city.

KEY POINTS

• Presents the most comprehensive examination of the architectural development of Tel Aviv during the 1920s, and the first detailed study in English.
• Provides a valuable case study of the interplay between architectural ambitions and practical realities in early twentieth-century nation-building.
• Sheds new light on the Zionist vision and its early implementation, as expressed in architecture and material culture.

NATHAN HARPAZ is an art historian and museum professional. He earned degrees in psychology and art history from Tel Aviv University and a PhD in interdisciplinary studies from Union Institute & University, Cincinnati, Ohio. Formerly an art museum director in Tel Aviv, Harpaz currently is head of the Koehnline Museum of Art near Chicago and teaches art history courses including “Jewish Art from Antiquity to Modern Israel” and museum studies.
Since 1981, *Shofar*, an interdisciplinary journal of Jewish Studies, has been published quarterly by Purdue University's Jewish Studies Program. It is the official journal of the Midwest and Western Jewish Studies Associations. *Shofar* publishes original, scholarly work, reviews a wide range of recent books in Judaica, and welcomes submissions in the core areas of Jewish Studies.

**FEATURED ARTICLES**

- Imperial Embraces and Ethnic Challenges: The Politics of Jewish Identity in the Bohemian Lands, Hillel J. Kieval
- The Book of Esther—A Case Study of Ideological Interpretation, Julia Schwartzmann
- Building Slovak Jewry: Communal Reorientation in Interwar Czechoslovakia, Rebekah Klein-Pejšová
- “Au revoir, les enfants”: The Jewish Child as a Microcosm of the Holocaust as Seen in World Cinema, Yvonne Kozlovsky Golan
- Militarism in the Wall Paintings of the Dura-Europos Synagogue: A New Perspective on Jewish Life on the Roman Frontier, Stefanie Weisman
- Yiddish Theatre Actresses and American Jewish Identity, Sharon Power
- Marvel Comics and the Golem Legend, Robert G. Weiner
- The Conflict of Conscience and Law in a Jewish State, Gábor Balázs

Special issues have included Jewish Comics, Holocaust and Genocide Cinema, Israel and Jewish Studies, and Polish Jewry. We welcome suggestions for special issues.

**SUBMISSIONS**

*Shofar* publishes scholarly papers (5,000–10,000 words), book reviews, and review essays. All papers are evaluated through a double-blind peer review. Please submit inquiries to the managing editor at shofar@purdue.edu.

**SUBSCRIPTIONS**

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KUNDERA AND MODERNITY

Liisa Steinby

While a large amount of scholarship about Milan Kundera’s work exists, in Liisa Steinby’s opinion his work has not been studied within the context of (European) modernity as a sociohistorical and a cultural concept. Of course, he is considered to be a modernist writer (some call him even a postmodernist), but what the broader concept of modernity intellectually, historically, socially, and culturally means for him and how this is expressed in his texts has not been thoroughly examined.

Steinby’s book fills this vacuum by analyzing Kundera’s novels from the viewpoint of his understanding of the existential problems in the culture of modernity. In addition, his relation to those modernist novelists from the first half of the twentieth century who are most important for him is scrutinized in detail. Steinby’s Kundera and Modernity is intended for students of modernism in literary and (comparative) cultural studies, as well as those interested in European and Central European studies.

“Steinby has produced a work that will become a necessary companion to Milan Kundera’s oeuvre. Better still, it is a work written so clearly and enticingly that the readership will comprise not only academic readers, but lay enthusiasts as well. I found the sustained argument of the author admirable and unimpeachable. Moreover, I also appreciate the originality of the approach, as well as the simple and direct style of the easily readable and effective prose.”

—PETER PETRO
University of British Columbia

KEY POINTS

- Offers new insights into the work of the popular modern writer Milan Kundera.
- Expands the reader’s understanding of the meaning of the concept of “modernity.”
- Widens the literature available in English about Central European culture.

Paperback, 978-1-55753-637-2 • $45.00 (s)
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260 pages • January 2013 • 6 × 9

Comparative Cultural Studies

LIISA STEINBY (until 2007 Liisa Saariluoma) teaches comparative literature at the University of Turku. Her research interests include aspects of modernity in the novel from the eighteenth century to present. Her single-authored book publications include Der postindividualistische Roman (1994), Nietzsche als Roman. Über die Sinnkonstituierung in Thomas Manns Doktor Faustus (1996), Erzählstruktur und Bildungsroman. Wielands Geschichte des Agathon, Goethes Wilhelm Meisters Lehrjahre (2004), and Wilhelm Meisters Lehrjahre und die Entstehung des modernen Zeitbewusstseins (2005). She has published fourteen collected volumes in addition to about seventy scholarly articles.
COMPARATIVE CULTURAL STUDIES AND THE NEW WELTLITERATUR

Elke Sturm-Trigonakis

In this English translation and revision of her acclaimed German-language book, Elke Sturm-Trigonakis expands on Goethe's notion of Weltliteratur (1827) to propose that, owing to globalization, literature is undergoing a profound change in process, content, and linguistic practice. Rather than producing texts for a primarily national readership, modern writers can collate diverse cultural, literary, and linguistic traditions to create new modes of expression that she designates as “hybrid texts.”

The author introduces an innovative framework to analyse these new forms of expression that is based on comparative cultural studies and its methodology of contextual (systemic and empirical) approaches to the study of literature and culture, including the concepts of the macro- and micro-systems of culture and literature. To illustrate her proposition, Sturm-Trigonakis discusses selected literary texts that exhibit characteristics of linguistic and cultural hybridity, the concept of “in-between,” and transculturality and thus are located in a space of a “new world literature.” Examples include Gastarbeiterliteratur (“migrant literature”) by authors such as Chiellino, Shami, and Atabay.

The book is important reading for philologists, linguists, sociologists, and other scholars interested in the cultural and linguistic impact of globalization on literature and culture. The German edition of this volume was originally published as Global playing in der Literatur. Ein Versuch über die Neue Weltliteratur (2007), and it has been translated in collaboration with the author by Athanasia Margoni and Maria Kaisar.

KEY POINTS

• A new methodological approach to literary and cultural criticism.
• Text from a broad variety of different languages are analyzed and discussed.
• Informs the current debate about the effects of globalization on language.

Elke Sturm-Trigonakis teaches comparative literature and German literature at Aristotle University of Thessaloniki. Her interests in research include multilingual and hybrid world literature, the picaresque, crime fiction, urban literature, and the transfer of literary themes (e.g., Don Quixote, Don Juan). In addition to numerous articles in German, Spanish, and English, her book publications include Barcelona in der Literatur (1944–88) (1993), Barcelona. La novel. La urbana (1944–88) (1996), and Global playing in der Literatur. Ein Versuch über die Neue Weltliteratur (2007).
ROMANTIC REVISIONS IN NOVELS FROM THE AMERICAS

Lauren Rule Maxwell

Why are twentieth-century novelists from former British colonies in the Americas preoccupied with British Romantic poetry? In Romantic Revisions, Lauren Rule Maxwell examines five novels—Kincaid’s Lucy, Atwood’s The Handmaid’s Tale, McCarthy’s Blood Meridian, Fitzgerald’s The Great Gatsby, and Harris’s Palace of the Peacock—that contain crucial scenes engaging British Romantic poetry. Each work adapts figures from British Romantic poetry and translates them into an American context. Kincaid relies on the repeated image of the daffodil, Atwood displaces Lucy, McCarthy upends the American arcadia, Fitzgerald heaps Keatsian images of excess, and Harris transforms the albatross.

In her close readings, Maxwell suggests that the novels reframe Romantic poetry to allegorically confront empire, revealing how subjectivity is shaped by considerations of place and power. By recasting Romantic poetics in the Americas, these novels show how negotiations of identity and power are defined by the legacies of British imperialism, illustrating that these nations, their peoples, and their works of art are truly postcolonial.

Romantic Revisions provides scholars and students working in postcolonial studies, Romanticism, and English-language literature with a new look at politics of location in the Americas.

“This book offers an impressive history of literary exchange on a transnational scale. For too long, the history of Romanticism in the Americas has been told with a few well-worn examples from a narrow canon. Maxwell offers a way of thinking about the Romantic legacy that is more ambitious and insightful and that helps to draw a new geography of American fiction.”

—MICHAEL A. ELLIOTT
Emory University

KEY POINTS

• Provides new insight into canonical texts, like Fitzgerald’s The Great Gatsby, but also examines neglected works, like Harris’s Palace of the Peacock.
• Using postcolonial theory, explores how the legacy of British imperialism has affected the former colonies, including the US, very differently.
• Investigates related texts through a variety of disciplines—including literature, sociology, psychology, history, economics, and political science—across both time and geographical space.
KNOWING SUBJECTS
Cognitive Cultural Studies and Early Modern Spanish Literature

Barbara Simerka

In Knowing Subjects, Barbara Simerka uses an emergent field of literary study, cognitive cultural studies, to delineate new ways of looking at early modern Spanish literature and to analyze cognition and social identity in Spain from the late fifteenth to late eighteenth centuries. Simerka analyzes works by Cervantes and Gracian, as well as picaresque novels and comedias. Employing an interdisciplinary approach, she brings together several strands of cognitive theory and details the synergies among neurological, anthropological, and psychological discoveries that provide new insights into human cognition.

Her analysis draws on “theory of mind,” the study of the cognitive activity that enables humans to predict what others will do, feel, think, and believe. “Theory of mind” explores how primates, including humans, conceptualize the thoughts and rationales behind other people’s actions and use those insights to negotiate social relationships. This capacity is a necessary precursor to a wide variety of human interactions, both positive and negative, from projecting and empathizing to lying and cheating.

Simerka applies this theory to texts involving courtship or social advancement, activities in which deception is most prevalent, and productive. In the process, she uncovers new insights into the comedia (especially the courtship drama) and several other genres of literature (including the honor narrative, the picaresque novel, and the courtesy manual). She studies the construction of gendered identity and patriarchal norms of cognition, contrasting the perspectives of canonical male writers with those of recently recovered female authors such as María de Zayas and Ana Caro. She examines the construction of social class, intellect, and honesty, and in a chapter on Don Quixote, cultural norms for leisure reading at the time. Through her wide-ranging and stimulating study, Simerka shows how literary forms reflect the cultural transformation of Spain during the early modern period.

KEY POINTS
• One of the first books to employ cutting-edge cognitive approaches to early modern Spanish literature.
• Analyzes the work of lesser-known female writers, such as María de Zayas and Ana Caro, as well as Cervantes and Gracian.
• Shows how literary forms reflect the cultural transformation of Spain during the early modern period.
SITES OF DISQUIET
The Non-Space in Spanish American Short Narratives and Their Cinematic Transformations

Ilka Kressner

Some of the most important writers of the twentieth century, including Borges, Cortázar, Rulfo, and García Márquez, have explored ambiguous sites of a disquieting nature. Their characters face merging perspectives, deferral, darkness, or emptiness. Such a space is neither a site of projection (as utopia or dystopia) nor a neutral setting (as the topos). For the characters, it is real and active, at once elusive and transforming. Despite the challenges of visualizing such slippery spaces, filmic experimentations in Spanish American cinema since the 1960s have sought to adapt these texts to the screen. Ilka Kressner’s Sites of Disquiet examines these representations of alternative dimensions in Spanish American short narratives and their transformations to the cinematic screen. The study is informed by contemporary critical approaches to spatiality, especially the concepts of atopos (non-space), spaces of mobility, sites of différance, of a self-effacing presence, and sonic spaces.

Kressner’s comparative study of textual and cinematic constructions of non-spaces highlights the potential and limits of inter-arts adaptation. Film not only portrays the sites in ways that are intrinsic to the medium, but during the cinematic translation, it further develops the textual presentations of space. Text and film illuminate each other in their renderings of echoes, gaps, absences, and radical openness. The shared focus of the two media on precarious spaces highlights their awareness of the physical and situational conditions in the works. Therefore, it vindicates the import of space and dwelling, and the often underestimated impact of surroundings on the human body and mind. Despite their heterogeneity, the artistic elaborations of these ambivalent atopoi all share a liberating impulse: they assert creative and open-ended interactions with space where volatility ceases to be a negative term.

KEY POINTS

• Presents an innovative approach to understanding how conceptions of space are represented in literature and film, a topic of current critical interest throughout the humanities and social sciences.
• Introduces new critical perspectives on short stories by Jorge Luis Borges, Julio Cortázar, Juan Rulfo, and Gabriel García Márquez.
• Explores often little-known film adaptations by José Luis Cuerda, Bernardo Bertolucci, Manuel Antin, Miguel Picazo, Carlos Velo, and Ruy Guerra.

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Purdue Studies in Romance Literatures

ILKA KRESSNER, who teaches at the University at Albany, State University of New York, focuses on twentieth-century to contemporary Spanish American literature and arts, often from a comparative perspective. Her research interests include intermediality (word, image, sound), notions of space in art (encompassing the related topics of vertigo, free fall, and velocity), ecocriticism, and aesthetics of interaction.
REFRAMING ITALY
New Trends in Italian Women's Filmmaking

Bernadette Luciano and Susanna Scarparo

In recent years, Italian cinema has experienced a quiet revolution: the proliferation of films by women. But their thought-provoking work has not yet received the attention it deserves. Reframing Italy fills this gap. The book introduces readers to films and documentaries by recognized women directors such as Cristina Comencini, Wilma Labate, Alina Marazzi, Antonietta De Lillo, Marina Spada, and Francesca Comencini, as well as to filmmakers whose work has so far been undeservedly ignored.

Through a thematically based analysis supported by case studies, Luciano and Scarparo argue that Italian women filmmakers, while not overtly feminist, are producing work that increasingly foregrounds female subjectivity from a variety of social, political, and cultural positions. This book, with its accompanying video interviews, explores the filmmakers' challenging relationship with a highly patriarchal cinema industry. The incisive readings of individual films demonstrate how women's rich cinematic production reframes the aesthetic of their cinematic fathers, repositions relationships between mothers and daughters, functions as a space for remembering women's (hi)stories, and highlights pressing social issues such as immigration and workplace discrimination.

This original and timely study makes an invaluable contribution to film studies and to the study of gender and culture in the early twenty-first century.

KEY POINTS

- Sheds new light on important films and documentaries by Italian women filmmakers.
- Explores the changing experience of women in a highly patriarchal cinema industry.
- Provides new perspectives on gender and culture that will be of interest to scholars in a broad range of visual and textual culture fields.

INCLUDES ONLINE ACCESS TO INTERVIEWS

The relationship between who's filming and who is filmed is direct.
A BETTER WAY TO BUILD
A History of the Pankow Companies

Michael R. Adamson

While architects have been the subject of many scholarly studies, we know very little about the companies that built the structures they designed. This book is a study in business history as well as civil engineering and construction management. It details the contributions that Charles J. Pankow, a 1947 graduate of Purdue University, and his firm have made as builders of large, often concrete, commercial structures since the company’s foundation in 1963. In particular, it uses selected projects as case studies to analyze and explain how the company innovated at the project level. The company has been recognized as a pioneer in “design-build,” a methodology that involves the construction company in the development of structures and substitutes negotiated contracts for the bidding of architects’ plans. The Pankow companies also developed automated construction technologies that helped keep projects on time and within budget.

The book includes dozens of photographs of buildings under construction from the company’s archive and other sources. At the same time, the author analyzes and evaluates the strategic decision making of the firm through 2004, the year in which the founder died. While Charles Pankow figures prominently in the narrative, the book also describes how others within the firm adapted the business so that the company could survive a commercial market that changed significantly as a result of the recession of the 1990s. Extending beyond the scope of most business biographies, this book is a study in industry innovation and the power of corporate culture, as well as the story of one particular company and the individuals who created it.

KEY POINTS

• There are many books about architects, but very few about twentieth-century “makers.”
• Tells the story behind many iconic buildings, especially in the western half of the US.
• Charles Pankow was a pioneer in concrete construction and the “design-build” system.

COMPANION WEB RESOURCE AVAILABLE

An online exhibition providing access to oral histories and other materials from the Charles Pankow Legacy Project is freely available at: archives.lib.purdue.edu/collections/pankow.

MICHAE L R. ADAMSO N, PhD (UC Santa Barbara, 2000), has taught history at a number of institutions, most recently at California State University, and is an independent historical consultant. His research focuses on California business and urban history, natural resource development in the West, and US foreign economic policy. In 2006–2007 and 2008–2009, he was a fellow at the Huntington Library, where he researched the career of Ralph B. Lloyd, a southern California oil man and commercial real estate developer in Los Angeles and Portland, Oregon.
A LIFE CONSTRUCTED
Reflections on Breaking Barriers and Building Opportunities

Delon Hampton with Bob Keefe

Born in Jefferson, Texas, and raised on the south side of Chicago in a poor, black, working-class neighborhood, Delon Hampton realized early on that any success he would achieve in life, he had to create on his own. Having earned a place at college, he decided to focus on civil engineering. After completing his graduate and PhD studies at Purdue University, Hampton entered a career that was not always welcoming to an African American—first as an academic and then as president of the geotechnical engineering firm of Gnaedinger, Baker, Hampton & Associates. In 1973 he founded Delon Hampton & Associates Chartered (DHA), headquartered in Washington, DC, to provide civil, structural, and environmental engineering and construction management services. Over the last forty years, DHA has risen to become one of America’s premier civil engineering practices, particularly known for its award-winning work on major infrastructure projects such as Baltimore’s Fort McHenry Tunnel, Washington’s Dulles and Ronald Reagan National airports, Los Angeles International Airport, and the Atlanta, Chicago, and Los Angeles metro systems.

Through his personal example and his leadership of professional organizations such as the American Society of Civil Engineers, Hampton has campaigned for equal opportunity. He has been outspoken in his belief that the leadership of engineering and construction firms and professional organizations need to better embrace diversity, in deeds as well as words. In his philanthropy, he has supported institutions that have demonstrated their commitment to a level playing field, and he has mentored and encouraged minority businesspeople. This book shares a rich vision for a more equitable workplace and necessary change in the disciplines of engineering. It is also an inspiring story of how through hard work, determination, and strong relationships, a young boy from the wrong side of the tracks could still achieve the American dream.

KEY POINTS

• Contains practical suggestions for making engineering a more diverse and equitable profession from a national leader in the field.
• An inspired “only in America” story of success achieved against the odds through hard work and dedication.
• Provides the stories behind some of urban America’s major construction projects of the last forty years.

DETON HAMPTON is the founder, president, and CEO of Delon Hampton & Associates Chartered, an award-winning design and program construction management firm that employs approximately 100 people in offices in Washington, DC, Atlanta, GA, Baltimore and Silver Spring, MD. Dr. Hampton earned his PhD and master of science in civil engineering from Purdue University, and his bachelor of science in civil engineering from the University of Illinois. He has also received honorary doctorates from Purdue and the New Jersey Institute of Technology.

BOB KEEFE has been a writer, editor, and journalist for more than twenty years, most recently as the Washington correspondent for the Atlanta Journal-Constitution newspaper.
MANUFACTURING FACILITIES
DESIGN & MATERIAL HANDLING
Fifth Edition

Matthew P. Stephens and Fred E. Meyers

Designed for junior- and senior-level courses in areas such as plant and facilities planning and manufacturing systems and procedures, this textbook is also suitable for graduate-level and two-year college courses. The book takes a practical, hands-on, project-oriented approach to exploring the techniques and procedures for developing an efficient facility layout. It also introduces state-of-the-art tools including computer simulation. Access to Layout-iQ workspace planning software is included for purchasers.

Theoretical concepts are clearly explained and then rapidly applied to a practical setting through a detailed case study at the end of the volume. The book systematically leads students through the collection, analysis, and development of information to produce a quality functional plant layout for a lean manufacturing environment. All aspects of facility design, from receiving to shipping, are covered.

In the fifth edition of this successful book, numerous updates and corrections have been made. Also, rather than including brief "case-in-point" examples at the end of each chapter, a single, detailed case study is provided that better exposes students to the multiple considerations that need to be taken into account when improving efficiency in a real manufacturing facility. The textbook has enjoyed substantial international adoptions and has been translated into Spanish and Chinese.

KEY POINTS

- Tried and classroom-tested text, based on pedagogical best-practice.
- Includes access to state-of-the-art simulation software for workspace planning.
- Presents the latest theory, but focused on real-world problems.

MATTHEW P. STEPHENS is a professor and a University Faculty Scholar in the College of Technology at Purdue University, where he teaches graduate and undergraduate courses in facilities planning, statistical quality control, and productivity- and reliability-based maintenance management.

FRED E. MEYERS is an emeritus professor in the College of Engineering and Technology at Southern Illinois University. He is an author and consultant, principal of Fred E. Meyers & Associates.
METHODS OF IT PROJECT MANAGEMENT
Second Edition

Jeffrey L. Brewer and Kevin C. Dittman

Designed for graduate, advanced undergraduate, and practitioner project management courses with an information technology focus, *Methods of IT Project Management* is built around the Project Management Body of Knowledge (PMBOK). The text provides students with all of the concepts, techniques, and methods found in the leading project management reference books, while also conveying practical knowledge that can immediately be applied in real-world settings. Unlike other books in this field, the material is organized according to the sequence of the project management life cycle from initial overview, through initiation, execution, and control, to close out. Following this life cycle, as opposed to covering the material by knowledge area, allows students to simultaneously learn project management concepts and methods at the same time as they develop skills they can use immediately during and upon completion of the course.

The Project Management Professional (PMP) certification issued by the Project Management Institute (PMI) is the world’s leading certification in this field. To help students prepare, the authors have dedicated an appendix to practice study questions and give helpful advice on preparing for and passing the PMP exam. At the end of each chapter, the text provides one or more mini-cases based on the theme of a running case study that extends through the entire book. The mini-cases provide additional opportunities for students to apply project management concepts and techniques, and they are ideal for stimulating class discussions and debates. In addition, these cases also present thought-provoking scenarios to challenge the more advanced student.

**KEY POINTS**

- Updated to reflect the latest version of the Project Management Body of Knowledge (PMBOK) from the Project Management Institute (PMI).
- Each chapter contains a section listing industry-proven best practices.
- Expanded coverage of the following topics: leadership and negotiation skills, quality management, and maturity models.

JEFFREY L. BREWER is an associate professor of Computer and Information Technology (CIT) at Purdue University. His teaching and scholarly interests cover systems analysis and design, computer-aided software engineering (CASE), agile development methodologies, and Telecare/Telemedicine.

KEVIN C. DITTMAN is an associate professor of Computer and Information Technology (CIT) at Purdue University. He teaches systems analysis and design, quality management, and project management at both undergraduate and graduate levels.
Multicore microprocessors are now at the heart of nearly all desktop and laptop computers. While these chips offer exciting opportunities for the creation of newer and faster applications, they also challenge students and educators. How can the new generation of computer scientists growing up with multicore chips learn to program applications that exploit this latent processing power? This unique book is an attempt to introduce concurrent programming to first-year computer science students, much earlier than most competing products.

This book assumes no programming background but offers a broad coverage of Java. It includes 159 numbered and numerous inline examples as well as 301 exercises categorized as “conceptual,” “programming,” and “experiments.” The problem-oriented approach presents a problem, explains supporting concepts, outlines necessary syntax, and finally provides its solution. All programs in the book are available for download and experimentation. A substantial index of 5,039 entries makes it easy for readers to locate relevant information.

In a fast-changing field, this book is continually updated and refined. The 2013 version is the sixth “draft edition” of this volume, and features numerous revisions based on student feedback.

**KEY POINTS**

- Introduces students to concurrent programming at a much earlier point in their careers than other computer science textbooks.
- Prepares students for the real-world of multicore technology, giving them an advantage in the career marketplace.
- Tried, tested, and refined over generations of students. Now in its sixth draft edition.

**PAPERBACK, 978-1-55753-672-3 • $65.00 (s)**

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596 pages • January 2013 • 8.5 × 11

*Published by the Department of Computer Science, Purdue University.*

**BARRY WITTMAN** is an Assistant Professor of Computer Science at Elizabethtown College. His areas of active research are computer science pedagogy, particularly for parallel computing, and approximation algorithms for graph problems.

**ADITYA MATHUR** is a Professor of Computer Science at Purdue University. He has written several books, the most well-known being an introduction to microprocessors, the first book of its kind published in India.

**TIM KORB** is the Assistant Department Head of the Computer Science Department at Purdue University. He was previously at the University of Arizona, where he was a co-designer of the Icon programming language.
BRIDGES AND MORE
Celebrating 125 Years of Purdue Civil Engineering
Angie Klink

The first civil engineering class at Purdue in 1887 consisted of fewer than 50 students. Today more than 550 undergraduates and 420 graduates specialize in architectural engineering, environment, construction, geotech, geomatics, hydraulic and hydrology, materials, structures, and transportation. This book recounts the history of the program, highlighting key people and projects, and illustrates the story with hundreds of archival photographs, some never published before. Although it focuses on one school, it is also a great introduction to what civil engineers do, and the essential role they play in creating and maintaining the infrastructure we often take for granted.

Purdue civil engineers have taken the lead in constructing some of the world’s major landmarks, including the Panama Canal, the Hoover Dam, and the Golden Gate Bridge. All have shared common experiences at the University, from long hours in labs to established rituals like the Ross Summer Surveying Camp and the Concrete Canoe Race. The book profiles many of the distinguished professors who have built the program into one of the world’s leading centers of excellence in the discipline, highlighting their accomplishments as practitioners as well as educators.

From a few red-brick buildings in grassy fields on the bank of the Wabash, the School now includes some of the most advanced research facilities in the world, including the Bowen Laboratory for Large-Scale Civil Engineering Research, the Lyle Ideas to Innovation Learning Laboratory, the Pankow Materials Laboratory, and the online hub for the Network for Earthquake Engineering Simulation (NEES), all anchored by the Delon and Elizabeth Hampton Hall of Civil Engineering.

Through a perfect combination of image and text, this book presents a vivid account of 125 years of education, research, and a profession that is, as the title suggests, about so much more than bridges.

KEY POINTS

• Showcases almost 200 illustrations from the archives, many never published before.
• Provides an excellent overview of the growth of civil engineering as discipline, through the story of one department.
• Makes a great gift for any Purdue engineering alum, with many profiles of significant educators and practitioners.

Published by the School of Civil Engineering, Purdue University.

ANGIE KLINK is a writer whose experience stretches from advertising to children’s books and covers everything in between. Based in Lafayette, Indiana, Klink is a third-generation Purdue University alumna and is also author of Kirby’s Way: How Kirby and Caroline Risk Built their Company on Kitchen-Table Values (2012), Divided Paths, Common Ground: The Story of Mary Matthews and Lella Gaddis, Pioneering Purdue Women WhoIntroduced Science into the Home (2011), and Purdue Pete Finds His Hammer (2006).
PROJECT AND PROGRAM MANAGEMENT
A Competency-Based Approach, Second Edition

Mitchell L. Springer

Choosing the right people to carry out a project is essential to its success. When multiple projects are combined into a complex program, the “human aspect” becomes even more important. This is the first to truly balance a complete account of the technical aspects of project and program management with a practical approach to understanding and developing the core competencies required to accomplish desired goals.

Drawing on almost thirty years of senior managerial experience in the defense and software industries, where the successful completion of multimillion-dollar projects is a strategic imperative, the author has a unique understanding of both the qualitative and quantitative aspects of program management. On the technical side, this book is a complete introduction to predicting costs, setting schedules, and assessing risks. On the people side, it sheds new light on how to mold different personality types into a team, how to motivate the team’s members, and how to produce extraordinary results.

After exploring the concept of “competencies” and showing how people must be at the heart of any organizational decision, Springer focuses on the essential qualities of leadership, the dynamics of teams, and the relationship between a team and the individuals that compose the team. He shows how an inclusive approach is essential to effective decision making. Using these insights, he then details the essential parts of the program management approach, describing the best way to define, organize, and schedule the work to be done, identifying risks and controlling costs during the whole process.

This is a uniquely insightful and practical text that will be invaluable reading for all professionals involved in the dynamic field of project and program management. Tested in a number of classes, the second edition includes numerous pedagogical improvements. New research on competency models is presented, and more emphasis is placed on the importance for project managers of understanding the global context.

KEY POINTS

- The author combines decades of practical experience in industry with a solid theoretical grounding.
- Balances the human side of program management with the technical aspects of handling large, multifaceted projects.
- Substantially revised to incorporate new research and pedagogical improvements learned in classroom teaching.

MITCHELL L. SPRINGER is the Executive Director of the Purdue University College of Technology, Academic Center for Professional Studies in Technology and Applied Research (ProSTAR) and College of Technology Operations and Strategic Initiatives at Purdue University. He possesses over thirty years of theoretical and industry-based practical experience from four disciplines: software engineering, systems engineering, program management, and human resources. He is certified as both a Project Management Professional (PMP) and a Senior Professional in Human Resources (SPHR).

Hardback, 978-1-55753-652-5 • $85.00 (s)
E-book available, $50.00
448 pages • July 2013 • 7.5 × 9.25
CONSTRUCTION SITE PLANNING AND LOGISTICAL OPERATIONS

Site-Focused Management for Builders

Randy R. Rapp and Bradley L. Benhart (Eds.)

Organizing and administering a construction site so that the right resources get to the right place in a timely fashion demands strong leadership and a rigorous process. Good logistical operations are the key to profitability, and this book is the essential, muddy boots guide to efficient site management. Written by experienced educator-practitioners from the world-leading Building Construction Management program at Purdue University, the volume is the ultimate guide to the knowledge, skills, and abilities that need to be mastered by project superintendents. Observations about leadership imperatives and techniques are included.

Organizationally, the book follows site-related activities from bidding to project closeout. Beyond outlining broad project managerial practices, the authors drill into operational issues such as temporary soils and drainage structures, common equipment, and logistics. The content is primarily geared for the manager of a domestic or small commercial building construction project, but includes some reference to public and international work, where techniques, practices, and decision making can be substantially different.

The book is structured into five sections and fifteen chapters. This facilitates ready adaptation either to industry training seminars or to university courses: Section I. The Project and Site Pre-Planning: The Construction Project and Site Environment (Randy Rapp); Due Diligence (Robert Cox); Site Organization and Layout (James O'Connor). Section II. The Site and Field Engineering Issues: Building Layout (Douglas Keith); Soil and Drainage Issues (Yi Jiang and Randy Rapp). Section III. Site Logistics: Site Logistical Procedures and Administration (Daphene Koch); Earthmoving (Douglas Keith); Material Handling Equipment (Bryan Hubbard). Section IV. Leadership and Control: Leadership and Communication (Bradley Benhart); Health, Safety, Environment (HSE), and Security (Jeffrey Lew); Project Scheduling (James Jenkins); Project Site Controls (Joseph Orczyk); Inspection and QA/QC (James Jenkins). Section V. Planning for Completion: Site-Related Contract Claims (Joseph Orczyk); Project Closeout (Randy Rapp).

KEY POINTS

- Provides a practical handbook for construction site managers, based on Purdue University’s world-leading Building Construction Management program.
- Combines practical tools and tips with research-driven insights into ways of enhancing leadership skills.
- Written by experienced, on-the-ground practitioners who are also skilled educators.
ROADWAY SYSTEM ASSESSMENT USING BLUETOOTH-BASED AUTOMATIC VEHICLE IDENTIFICATION TRAVEL TIME DATA

Christopher Day, Thomas Brennan, Alexander Hainen, Stephen Remias, and Darcy Bullock

In recent years, new travel time data collection technologies have emerged, which have greatly increased the power of transportation system operators to automatically measure the performance of roadway and other facilities. The purpose of this book is to serve as a resource for analysts who are tasked with interpreting travel times from automatic vehicle identification (AVI) systems to assess the quality of service of transportation systems.

The opportunity to directly measure the performance of a transportation system has only recently become a reality thanks to technological innovations that have made this type of evaluation more cost-effective and have made it possible to obtain relatively large volumes of system data. Direct measurement has substantial advantages over traditional methods of measuring operational performance based on user experience surveys, modeling, and simulation. However, it is also complementary to these older approaches.

The book is divided into six modules. The introductory chapter provides a review of travel time data analysis development to date and discusses concepts of operations for different types of traffic flow. Chapter 2 presents a variety of analysis techniques for reducing the data into useful performance measure graphics and for statistical before/after comparisons. Detailed descriptions of the necessary computations and data transformations are presented. Chapter 3 discusses issues relevant to the location of sensors, with particular emphasis on the impact of uninterrupted flow systems. Chapter 4 discusses probe vehicle identification on uninterrupted flow systems. Chapter 5 discusses probe vehicle identification on interrupted flow systems. Chapter 6 discusses probe vehicle applications to origin destination matrix estimation. A concluding chapter discusses avenues for future research and other potential applications of these techniques.

KEY POINTS

- Uses an innovative technology for data collection.
- Provides a model of best practice for future investigators.
- Supplies evidence-based solutions for practitioners.
JOINT TRANSPORTATION RESEARCH PROGRAM

Since its inception in 1937, the Joint Transportation Research Program (JTRP), then known as the Joint Highway Research Project (JHRP), has continuously conducted meaningful research and relevant extension activities to improve Indiana's transportation system for its residents. Management and operation of JTRP takes place in close collaboration with the Indiana Department of Transportation (INDOT). Since 2006, JTRP has worked with Purdue Libraries to digitize and make openly available technical reports published from 1956 to the present. More than 1,500 reports are available online through Purdue e-Pubs, the Libraries' online publishing platform. By the end of 2012, JTRP reports had been downloaded over 500,000 times by users in more than 200 countries. This relationship has now expanded to include joint sponsorship of an editor to manage the production of new JTRP reports, presentation of the annual Road School proceedings, development of new publishing initiatives, and hosting of affiliated reports.

Further information about the Joint Transportation Research Program is available at: www.purdue.edu/jtrp

TECHNICAL REPORTS

Each year approximately twenty JTRP technical reports present the results of research into transportation issues. Every report is made freely available online and in a print-on-demand form that can be purchased directly through Purdue e-Pubs or from major retailers. docs.lib.purdue.edu/jtrp

ROAD SCHOOL

Every year, Road School attracts over 2,000 Indiana local and state officials, consultants, university personnel, students, and suppliers to Purdue for two days of intensive education and discussion. Since 2011, proceedings have been made freely available online. docs.lib.purdue.edu/roadschool

OTHER PUBLICATIONS

JTRP, in collaboration with Purdue Libraries, provides an online repository for affiliated publications of transportation-related projects. New publication formats are also being developed. These include the first Indiana Interstate Mobility Report, based on crowd-sourced travel data. docs.lib.purdue.edu/jtrprogram
SHOFAR: AN INTERDISCIPLINARY JOURNAL OF JEWISH STUDIES
Zev Garber and Peter Haas (Eds.)

_shofar_, a quarterly, interdisciplinary journal of Jewish studies, is the official journal of the Midwest and Western Jewish Studies Associations. Under the leadership of its distinguished editorial board, _Shofar_ ranges far and wide in a multidisciplinary world that spans four thousand years. It publishes scholarly articles, opinion pieces, readers’ forums, pedagogical essays, and book reviews.

Published four times a year. Volume 31 (2012–13). Domestic annual subscriptions: $60.00, individuals; $100.00, institutions. International annual subscriptions: $80.00, individuals; $120.00, institutions. Print ISSN: 0882-8539; E-ISSN: 1534-5165.

EDUCATION AND CULTURE
David A. Granger (Ed.)

_Education and Culture_ takes an integrated view of philosophical, historical, and sociological issues in education. It is the official journal of the John Dewey Society, founded in 1935, which draws its inspiration from the work of the philosopher, psychologist, and educational reformer who died in 1952. Society members receive the journal as part of their membership in the society. The journal is supported by the Daniel Tanner Endowment Fund. Starting in 2013, issues older than three years are freely available at: docs.lib.purdue.edu/eandc The online version of record for new issues is exclusively available on Project Muse.

Published two times a year. Volume 29 (2013). Domestic annual subscriptions: $40.00, individuals; $85.00, institutions. International annual subscriptions: $50.00, individuals; $95.00, institutions. Print ISSN: 1085-4908; E-ISSN: 1599-1786.

PHILIP ROTH STUDIES
Derek Parker Royal and Jessica G. Rabin (Eds.)

_Philip Roth Studies_, a peer-reviewed semiannual journal published in cooperation with the Philip Roth Society, welcomes all writing pertaining entirely or in part to Philip Roth, his fiction, and his literary and cultural significance. Its goal is to encourage the exchange of ideas and texts concerning this significant and best-selling Jewish American author.

Published two times a year. Volume 9 (2013). Domestic annual subscriptions: $50.00, individuals; $110.00, institutions. International annual subscriptions: $60.00, individuals; $120.00, institutions. Print ISSN: 1547-3929; E-ISSN: 1940-5278.

For print subscriptions, please call Bookmasters (North America: 1(800) 247-6553; International: 1(419) 281-5100). _Education and Culture, Shofar, and Philip Roth Studies_ are available online through Project Muse (muse.jhu.edu). These journals are also available via EBSCO and ProQuest products. Direct subscriptions do not include online access.
INTERNATIONAL JOURNAL OF PROBLEM-BASED LEARNING (IJPBL)
Michael M. Grant and Krista Glazewski (Eds.), Peggy A. Ertmer (Founding Editor)
IJPBL publishes relevant, interesting, and challenging articles of research, analysis, or promising practice related to all aspects of implementing problem-based learning (PBL) in K–12 and post-secondary classrooms. IJPBL is supported financially by the Teaching Academy at Purdue University. Published two times a year. Vol. 7 (2013). E-ISSN: 1541-5015.

JOURNAL OF PRE-COLLEGE ENGINEERING EDUCATION RESEARCH (J-PEER)
Johannes Strobel (Ed.)
J-PEER is issued twice a year electronically and serves as a forum and a community space for the publication of research and evaluation reports on areas of pre-college STEM education, particularly in engineering. Published two times a year. Vol. 3 (2013). E-ISSN: 2157-9288.

JOURNAL OF AVIATION TECHNOLOGY AND ENGINEERING (JATE)
Brent D. Bowen, Henry R. Lehrer, and John H. Mott (Eds.)
JATE is a refereed publication serving the needs of collegiate and industrial scholars and researchers in the multidisciplinary fields of aviation technology and engineering. A key focus of JATE is to promote the bridging of these fields by publishing scholarly articles related to the integration of theory and application in the design/build/test process. Published two times a year. Vol. 3 (2013–14). E-ISSN: 2159-6670.

CLCWEB: COMPARATIVE LITERATURE AND CULTURE
Steven Tötösy de Zepetnek (Ed.)
A peer-reviewed quarterly of scholarship in the humanities and social sciences, CLCWeb publishes new scholarship following tenets of the fields of comparative literature and cultural studies designated as “comparative cultural studies” in a global, international, and intercultural context and with a plurality of methods and approaches. Published four times a year. Vol. 15 (2013). E-ISSN: 1481-4374.

THE JOURNAL OF PROBLEM SOLVING (JPS)
Zygmunt Pizlo (Ed.)
JPS is a multidisciplinary journal that publishes empirical and theoretical papers on mental mechanisms involved in problem solving. The journal welcomes original and rigorous research in all areas of human problem solving, with special interest in solving difficult problems (e.g., problems in which human beings outperform artificial systems). Published two times a year. Vol. 6 (2013–14). E-ISSN: 1932-6246.

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**JOURNAL OF PURDUE UNDERGRADUATE RESEARCH (JPUR)**

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Print ISSN: 2158-4044; E-ISSN: 2158-4052

**DATA CURATION PROFILES DIRECTORY**

Jake R. Carlson and D. Scott Brandt (Eds.)
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