Despite being perhaps the foremost British meteorologist of the twentieth century, Reginald Sutcliffe has been understudied and underappreciated. His impact continues to this day every time you check the weather forecast. *Reginald Sutcliffe and the Invention of Modern Weather Systems Science* not only details Sutcliffe’s life and ideas, but it also illuminates the impact of social movements and the larger forces that propelled him on his consequential trajectory.

Less than a century ago, a forecast of the weather tomorrow was considered a practical impossibility. This book makes the case that three important advances guided the development of modern dynamic meteorology, which led directly to the astounding progress in weather forecasting—and that Sutcliffe was the pioneer in all three of these foundational developments: the application of the quasi-geostrophic simplification to the equations governing atmospheric behavior, adoption of pressure as the vertical coordinate in analysis, and development of a diagnostic equation for vertical air motions.

Shining a light on Sutcliffe’s life and work will, hopefully, inspire a renewed appreciation for the human dimension in scientific progress and the rich legacy bequeathed to societies wise enough to fully embrace investments in education and basic research. As climate change continues to grow more dire, modern extensions of Sutcliffe’s innovations increasingly offer some of the best tools we have for peering into the long-term future of our environment.

This book is an insightful and full-orbed biography of one of meteorology’s veritable luminaries. It faithfully traces the multifaceted career, the monumental scientific achievements, and the far-reaching and long-lasting influence of Professor Sutcliffe. In the process, the book pays due attention to his character, personal circumstances, and family life. The manuscript’s underlying theme is the emergence of meteorology as a socioeconomically relevant and scientifically rigorous discipline during the twentieth century. The author’s account is purposefully set against the backdrop of the prevailing but rapidly evolving societal, cultural, and educational scene."

—Huw Davies, Emeritus Professor of Atmospheric Dynamics, ETH Zurich, Switzerland

Atmospheric scientists, weather forecasters, numerical weather prediction modelers, weather enthusiasts, historians with an interest in the industrial revolution in the United Kingdom and World War II from the perspective of those who lived it in England, and educators interested in teaching general science education courses at the high school and college level will all be avid readers of Jonathan Martin’s book. The author continually embeds a history of ideas into his discussion of Dr. Sutcliffe’s distinguished scientific contributions. Martin writes with passion for his subject matter, and his book is delightfully informative."

—Lance F. Bosart, Distinguished Professor Emeritus, University of Albany, SUNY

JONATHAN E. MARTIN is a professor in the Department of Atmospheric and Oceanic Sciences at the University of Wisconsin–Madison. He is the author of *Mid-Latitude Atmospheric Dynamics: A First Course*. A native of northeastern Massachusetts, his lifelong passion for the phenomenology and science of weather systems took root battling the region’s famous winter storms as a morning paperboy.
REFUGE MUST BE GIVEN
Eleanor Roosevelt, the Jewish Plight, and the Founding of Israel

John F. Sears

Refuge Must Be Given details the evolution of Eleanor Roosevelt from someone who harbored negative impressions of Jews to become a leading Gentile champion of Israel in the United States. The book explores, for the first time, Roosevelt’s partnership with the Quaker leader Clarence Pickett in seeking to admit more refugees into the United States, and her relationship with Undersecretary of State Sumner Welles, who was sympathetic to the victims of Nazi persecution yet defended a visa process that failed both Jewish and non-Jewish refugees.

After the war, as a member of the American delegation to the United Nations, Eleanor Roosevelt slowly came to the conclusion that the partition of Palestine was the only solution both for the Jews in the displaced persons camps in Europe, and for the conflict between the Arabs and the Jews. When Israel became a state, she became deeply involved in supporting the work of Youth Aliyah and Hadassah, its American sponsor, in bringing Jewish refugee children to Israel and training them to become productive citizens. Her devotion to Israel reflected some of her deepest beliefs about education, citizenship, and community building. Her excitement about Israel’s accomplishments and her cultural biases, however, blinded her to the impact of Israel’s founding on the Arabs. Visiting the new nation four times and advocating on Israel’s behalf created a warm bond not only between her and the people of Israel, but between her and the American Jewish community.

KEY SELLING POINTS

• The first book-length biography of Eleanor Roosevelt to focus entirely on her relationship with the Jews, describing how she became a leading Gentile champion of Israel in the United States.

• Brings to light Eleanor Roosevelt’s devotion to Israel, which reflected some of her deepest beliefs, often slighted by historians.

ALSO OF INTEREST

THE FUTURE OF THE GERMAN-JEWISH PAST
Memory and the Question of Antisemitism
PB, 978-1-55753-711-9 • $34.99 • E-book available

PIONEER SCIENCE AND THE GREAT PLAGUES
How Microbes, War, and Public Health Shaped Animal Health

Norman F. Cheville

_Pioneer Science and the Great Plagues_ covers the century when infectious plagues—anthrax, tuberculosis, tetanus, plague, smallpox, and polio—were conquered, and details the important role that veterinary scientists played. The narrative is driven by astonishing events that centered on animal disease: the influenza pandemic of 1872, discovery of the causes of anthrax and tuberculosis in the 1880s, conquest of Texas cattle fever and then yellow fever, German anthrax attacks on the United States during World War I, the tuberculin war of 1931, Japanese biological warfare in the 1940s, and today’s bioterror dangers.

Veterinary science in the rural Midwest arose from agriculture, but in urban Philadelphia it came from medicine; similar differences occurred in Canada between Toronto and Montreal. As land-grant colleges were established after the American Civil War, individual states followed divergent pathways in supporting veterinary science. Some employed a trade school curriculum that taught agriculturalists to empirically treat animal diseases and others emphasized a curriculum tied to science. This pattern continued for a century, but today some institutions have moved back to the trade school philosophy. Avoiding lessons of the 1910 Flexner Report on medical education reform, university-associated veterinary schools are being approved that do not have control of their own veterinary hospitals, diagnostic laboratories, and research institutes—components that are critical for training students in science. Underlying this change were twin idiosyncrasies of culture—disbelief in science and distrust of government—that spawned scientology, creationism, anti-vaccination movements, and other anti-science scams.

As new infectious plagues continue to arise, _Pioneer Science and the Great Plagues_ details the strategies we learned defeating plagues from 1860 to 1960—and the essential role veterinary science played. To defeat the plagues of today it is essential we avoid the digital cocoon of disbelief in science and cultural stasis now threatening progress.

Norman F. Cheville is distinguished professor and dean emeritus of the College of Veterinary Medicine at Iowa State University. Cheville began his work at the Army Biological Laboratory in Fort Detrick, Maryland, in the Veterinary Corps of the US Army from 1959 to 1961. After three years as research associate at the University of Wisconsin, he moved to the National Animal Disease Center as chief of Pathology from 1959 to 1989, and later as chief of the Brucellosis Research Unit, where he led the team that developed a new vaccine for bovine brucellosis. Working under Tony Allison at the National Institute for Medical Research in London in 1968, he investigated cellular immunity in poxvirus diseases. He was appointed chair of the Department of Veterinary Pathology at Iowa State University in 1995, and in 2000 was appointed dean of the College of Veterinary Medicine from which he retired in 2004.
BALKAN LEGACIES
The Long Shadow of Conflict and Ideological Experiment in Southeastern Europe

Edited by Balázs Apor and John Paul Newman

Balkan Legacies is a study of the aftermath of war and state socialism in the contemporary Balkans. The authors look at the inescapable inheritances of the recent past and those that the present has to deal with. The book’s key theme is the interaction, often subliminal, of the experiences of war and socialism in contemporary society in the region. Fifteen contributors approach this topic from a range of disciplinary backgrounds and through a variety of interpretive lenses, collectively drawing a composite picture of the most enduring legacies of conflict and ideological transition in the region, without neglecting national and local peculiarities. The guiding questions addressed are: what is the relationship between memories of war, dictatorship (communist or fascist), and present-day identity—especially from the perspective of peripheral and minority groups and individuals? How did these components interact with each other to produce the political and social culture of the Balkan Peninsula today? The answers show the ways in which the experiences of the latter part of the twentieth century have defined and shaped the region in the twenty-first century.

ALSO OF INTEREST

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PB, 978-1-55753-891-8 • $49.99 • E-book available

BALÁZS APOR is associate professor in European studies at Trinity College Dublin. His research interests include the study of Sovietization and Communist propaganda, and the history of leader cults in twentieth-century Eastern Europe.

JOHN PAUL NEWMAN is associate professor in twentieth-century European history at Maynooth University in Ireland. His current research interests include a scholarly biography of Habsburg general Josip Jelačić, a book-length narrative history of guerrilla warfare in the Balkan region, and a study of suicide in modern Bohemia.
WRITING GENDER IN EARLY MODERN CHINESE WOMEN’S TANCI FICTION

Li Guo

Women’s tanci, or “plucking rhymes,” are chantefable narratives written by upper-class educated women from seventeenth-century to early twentieth-century China. Writing Gender in Early Modern Chinese Women’s Tanci Fiction offers a timely study on early modern Chinese women’s representations of gender, nation, and political activism in their tanci works before and after the Taiping Rebellion (1850 to 1864), as well as their depictions of warfare and social unrest.

Women tanci authors’ redefinition of female exemplarity within the Confucian orthodox discourses of virtue, talent, chastity, and political integrity could be bourgeoning expressions of female exceptionalism and could have fore-shadowed protofeminist ideals of heroism. They establish a realistic tenor in affirming feminine domestic authority, and open up spaces for discussions of “womanly becoming,” female exceptionalism, and shifting family power structures. The vernacular mode underlying these texts yields productive possibilities of gendered self-representations, bodily valences, and dynamic performances of sexual roles. The result is a vernacular discursive frame that enables women’s appropriation and refashioning of orthodox moral values as means of self-affirmation and self-realization.

Validations of women’s political activism and loyalism to the nation attest to tanci as a premium vehicle for disseminating progressive social incentives to popular audiences. Women’s tanci marks early modern writers’ endeavors to carve out a space of feminine becoming, a discursive arena of feminine appropriation, reinvention, and boundary-crossings. In this light, women’s tanci portrays gendered mobility through depictions of a heroine’s voyages or social ascent, and entails a forward-moving historical progression toward a more autonomous and vested model of feminine subjectivity.

ALSO OF INTEREST

The Making of a Caribbean Avant-Garde
Postmodernism as Post-nationalism
PB, 978-1-55753-934-2 • $49.99 • E-book available

Women’s Tanci Fiction in Late Imperial and Early Twentieth-Century China
PB, 978-1-55753-713-3 • $45.00 • E-book available

LI GUO teaches Chinese language, literature, culture, and Asian literatures at Utah State University. Her interests in scholarship include late imperial and modern Chinese women’s narratives, folk literature, film, and comparative literature. Guo’s research displays an interdisciplinary approach, bridging women and gender studies, narrative theory, vernacular literatures and cultures, bringing an innovative perspective to traditional, text-based analysis of tanci fiction. She is the author of Women’s Tanci Fiction in Late Imperial and Early Twentieth-Century China.
Arteletra analyzes the Sixties in Latin America in order to revisit the core claim of literary and cultural studies to political relevancy in the contemporary world: the task of making visible the invisible. Though visibility can secure rights for the disenfranchised, it also risks subjecting them to the biopolitical and capitalist arrangements of space. What is at stake in this book is a series of aesthetic and ethical tools for engaging in politics—defined here as the potential to disagree—without first passing through visibility. These tools cohere around a practice Bartles calls “the politics of going unnoticed,” which he derives from an archive of three noteworthy, though underappreciated, authors who wrote during the Sixties: Calvert Casey (1924–69), Juan Filloy (1894–2000), and Armonía Somers (1914–94). For the first time ever, Casey, Filloy, and Somers are put in dialogue with one another to further demonstrate the unique contributions of Latin American writers to contemporary debates about the crossroads of literatures and politics. What unites them is their shared investment in stories about those who go unnoticed. As a practice, going unnoticed creates space and opportunities for queer, rural, and female subjects, among others, to step back from unjust institutions. As a political discourse, going unnoticed deactivates the binary structures of biopolitics (e.g., visible/invisible, pure/filthy, friend/enemy) that divide humans from one another in the service of power and economic inequality. Though the politics of going unnoticed was ignored during the Sixties for its apparent individualism, these three writers work through alternatives to the politics of visibility that has animated political discourse on the left for the last half-century. More than a self-interested critique, going unnoticed opens new possibilities for engaging in the messy business of politics while imagining and creating better communities.

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Jason A. Bartles

Jason A. Bartles is an associate professor at West Chester University. He received his BA from Gettysburg College and his MA and PhD in Latin American Literatures and Cultures from the University of Maryland, College Park. His research explores the political, aesthetic, and ethical discourses that restore the possibilities for utopian thinking in the fiction and essays of twentieth- and twenty-first-century Latin American and Latinx writers. He has published articles in Aztlán, Revista Iberoamericana, Variaciones Borges, Revista Hispánica Moderna, and Revista de Estudios Hispánicos. His fiction has appeared in Punchinel’s, Here Comes Everyone, Boned, The Metaworker, and in the collection, My Utopia, at Cambridge Scholars Publishing.
A primary mission of universities is promoting student success and well-being. Many college and university personnel have implemented initiatives that offer students the documented benefits of positive human-animal interaction (HAI). Accumulating evidence suggests that assistance dogs, therapy dogs, and shelter dogs can support student wellness and learning. The best programs balance the welfare of humans and canines while assessing students’ needs and complying with all laws and regulations. Contributors to this edited volume have drawn upon research across many disciplines as well as their extensive practical experiences to produce a timely and valuable resource—for administrators and students. Whether readers are just getting started or striving to improve well-established programs, *The Canine-Campus Connection* provides authoritative, evidence-based guidance on bringing college students and canines together in reciprocally beneficial ways.

Part one examines the interactions between postsecondary students and canines by reviewing the literature on the human-canine bond. It establishes what necessarily must be the top priority in canine-assisted activities and therapy: the health and safety of both. Part two highlights four major categories of dogs that students are likely to interact with on and off campus: service dogs, emotional support animals (ESAs), therapy dogs, and homeless dogs. Part three emphasizes ways in which dogs can influence student learning during classes and across aspects of their professional development. Part four considers future directions. Authors take the stance that enriching and enlarging interactions between college students and canines will require university personnel who plan and evaluate events, projects, and programs. The book concludes with the recommendation that colleges and universities move toward more dog-friendly campus cultures.

**ALSO OF INTEREST**

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**MARY RENCK JALONGO**, Ph.D., has written, coauthored, or edited more than thirty books and earned eight national awards for excellence in writing, including four EDPRESS awards. She has published articles and books on humane education, the child/companion animal bond, dog bite prevention, and children reading aloud with therapy dog teams. Currently, she is a tester/observer for the Alliance of Therapy Dogs, and has completed hundreds of visits and presentations with her four therapy dogs since 2006. In collaboration with a state prison, she works with inmates to train service dogs for people with disabilities.
DESIGN AND CULTURE
A Transdisciplinary History

Maurice Barnwell

Design and Culture: A Transdisciplinary History offers an inclusive overview that crosses disciplinary boundaries and helps define the next phase of global design practice. This book examines the interaction of design with advances in technology, developments in science, and changing cultural attitudes. It looks to the past to prepare for the future and is the first book to offer an innovative transdisciplinary design history that integrates multidisciplinary sources of knowledge into a mindful whole. It shows design as a process that expresses goals through values and beliefs, functioning as a major factor in contemporary cultural life.

Starting with the development of the Industrial Revolution, the book focuses on the evolution of design and culture in the twentieth century to predict where design will go in the future. Given the major social and political shifts currently unfolding across the globe, and the resulting changing demographics and environmental degradation, Design and Culture encourages collaboration and communication between disciplines to prepare for the future of design in a rapidly changing world.

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CHAPTER 3: Modernization. 1919–1967. Destruction, Reconstruction, New World Order


CHAPTER 5: The Third Millennium. 2001–2050. Tomorrow’s History Today

MAURICE BARNWELL is a distinguished writer, researcher, and teacher on matters of design. He received his education in Birmingham and Toronto. He has worked and taught at York University, Toronto; Ontario College of Art and Design University; Hong Kong Polytechnic University; Ryerson University; and the Institute without Boundaries. In February 1991 he founded Idforum, the first computer newsgroup dedicated to the world of industrial design. Maurice is a well-traveled speaker and has presented at various noted venues. He currently lives in Toronto.
SUBSCRIPTION-BASED JOURNALS

SHOFAR: AN INTERDISCIPLINARY JOURNAL OF JEWISH STUDIES
Glenn Dynner and Ranen Omer-Sherman (eds.)

Shofar: An Interdisciplinary Journal of Jewish Studies is a triannual publication that produces original, peer-reviewed scholarly articles, issues on special topics, book forums, review essays, and the occasional forum on Contemporary Critical Jewish Studies. Shofar reaches an international readership with an impressive range of reliably robust offerings primarily in modern history, literature, culture, and the arts.

Published three times a year. Volume 38 (2020). Print ISSN: 0882-8539; E-ISSN: 1534-5165.

EDUCATION AND CULTURE
Jessica Heybach (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. Issues older than three years are freely available at docs.lib.purdue.edu/eandc.

Published two times a year. Volume 36 (2020). E-ISSN: 1599-1786.

PHILIP ROTH STUDIES
Aimee Pozorski and Maren Scheurer (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 16 (2020). E-ISSN: 1940-5278.

Shofar, Education and Culture, and Philip Roth Studies are available online through Project Muse (muse.jhu.edu) and JSTOR (jstor.com). These journals are also available via EBSCO and ProQuest products.
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JOURNAL OF PRE-COLLEGE ENGINEERING EDUCATION RESEARCH (J-PEER)
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Şenay Purzer (ed.)

J-PEER 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. Volume 10 (2020–2021). E-ISSN: 2157-9288.

JOURNAL OF AVIATION TECHNOLOGY AND ENGINEERING (JATE)
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Mary E. Johnson (ed.)

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. Volume 9 (2020–2021). E-ISSN: 2159-6670.
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