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2013

IS NATURE THE ANSWER?

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SCIENCE, SCHOLARSHIP & THE ARTS AT THE
UNIVERSITY OF NORTH TEXAS
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**1 \ Open Access:
Contextualizing the Archi-
volted Portals of Northern
Spain and Western France
Within the Theology and
Politics of Entry**

(Cambridge Scholars Publishing)

Mickey Abel, *associate professor of art history*

The book explores the history, development and meaning of the “archivolted” portals adorning many of the rural ecclesiastical structures of 12th century western France and northern Spain.

Abel argues that the concentrically stepped and ornamented archivolted likely used sculptural imagery accessible to both monks and parishioners. She suggests that the form reflects the kinetic elements inherent to pilgrimage and crusade, as well as cultural interaction with the Islamic courts of Spain and the politics of the Peace of God movement, with its emphasis on relic processions.

Abel is now working on a book about the monastic development of a canal system around Maillezais Abbey in western France.

**2 \ Policing the Roman
Empire: Soldiers, Adminis-
tration and Public Order**

(Oxford University Press)

Christopher J. Fuhrmann, *associate professor of history*

Although the popular theory is that Roman society relied on kinship networks or self-regulation to resolve con-

flicts, Fuhrmann says the evidence points to an expansion of state-sponsored policing activities in the early centuries of the Common Era.

Drawing on art, archaeology, administrative documents, Egyptian papyri, laws, religious texts and ancient narratives, he gives an overview of Roman imperial policing practices, including the role of Augustus and the expansion of policing under his successors — a new means by which the state could control its subjects. The book is the first general analysis of Roman policing in more than a century and the first ever in English.

**3 \ Latinos in the New
Millennium: An Almanac
of Opinion, Behavior and
Policy Preferences**

(Cambridge University Press)

Luis R. Fraga, University of Washington; John A. Garcia, Institute for Social Research; Rodney E. Hero, University of California – Berkeley; Michael Jones-Correa, Cornell University; Valerie Martinez-Ebers, UNT professor of political science; and Gary M. Segura, Stanford University

Martinez-Ebers, who also is an alumna of UNT, co-wrote this comprehensive profile of Latinos that compares conventional wisdom regarding their attitudes and efforts to assimilate with the most recent empirical evidence. She and her co-writers raised \$1.3 million through grants

from various foundations to ask Latinos more than 160 questions regarding their social characteristics, group relations, policy positions and political orientations.

Chapters she wrote or co-wrote for the book cover topics such as demographics, gender role attitudes, and media and technology usage. The book is a follow-up to 2010's *Latino Lives in America: Making it Home*. The third book in the series is expected to be published this year.

**4 \ Robust SRAM Designs
and Analysis**

(Springer)

Jawar Singh, Indian Institute of Information Technology, Design and Manufacturing; Saraju P. Mohanty, UNT associate professor of computer science and engineering; Dhiraj K. Pradhan, University of Bristol

This guide to static random access memory bitcell design and analysis is meant to help meet challenges such as process variation, leakage and temperature instability for complementary metal oxide semiconductor devices and emerging devices.

The authors highlight the most popular SRAM options for reducing process variability, an ongoing challenge in large memory arrays. They also include trade-offs for achieving the best design and provide techniques and experimental simulation setups.

Mohanty's research in design for very-large-scale integration is funded by the National Science Foundation and the Semiconductor Research Corp.

5 \ Klallam Dictionary
(University of Washington Press)

Timothy Montler, *professor of linguistics*

Working with the elders, educators and tribal councils of the Klallam Tribes in northwest Washington and British Columbia, Montler has compiled a comprehensive dictionary with more than 9,000 entries for the endangered language of Klallam.

He began working with the tribes more than 30 years ago, and in 2007, the Klallam Language Program asked that he work on a dictionary. He received funding through the Documenting Endangered Languages program, a cooperative program of the National Endowment for the Humanities and the National Science Foundation.

He has a new grant to work on a dictionary and electronic text archive for Saanich, a language spoken on southern Vancouver Island.

**6 \ Miniature Forests of
Cape Horn: Ecotourism with
a Hand Lens**

(UNT Press/Ediciones Universidad de Magallanes)

Bernard Goffinet, University of Connecticut; Ricardo Rozzi,

UNT professor of philosophy and religion studies; Lily Lewis, doctoral student who participated in UNT's Chile study abroad course; William Buck, New York Botanical Garden; and Francisca Massardo, University of Magallanes

This guide provides information on the "miniature forests" in the southernmost end of Chile — a world hotspot of biodiversity for liverworts, mosses and lichens that surround the trees and rocks.

The bilingual book with full-color photos describes the architecture, life cycles and identification of the taxonomic groups of these organisms. It also includes a natural history narrative and introduces the ecotourism experience of using a magnifying glass or camera to appreciate the highly diversified organisms. Rozzi is the director of UNT's Sub-Antarctic Biocultural Conservation Program in Chile.

7 \ Conservation Biology and Applied Zooarchaeology (University of Arizona Press)

Steve Wolverton, UNT associate professor of geography, and R. Lee Lyman, University of Missouri-Columbia, editors

This book is designed to show how zooarchaeology, a sub-field of archaeology and ethnobiology, can inform conservation science. It offers case studies using animal remains from archaeological and paleontological sites to provide

information with implications for wildlife management and conservation biology.

Case study topics include the marine ecology of shellfish and fish, potential restoration sites for Sandhill Cranes and conservation of animals such as American black bears. Essays also address issues of political and social ecology. Wolverton is an ecologist and archaeologist specializing in the paleozoology of North America during the Holocene epoch.

8 \ The Destiny of Modern Societies: The Calvinist Predestination of a New Society

(Haymarket Books)

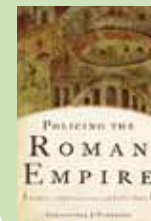
Milan Zafirovski, professor of sociology

Part of the Studies in Critical Social Sciences series, this book extends previous analyses of the impact of Calvinism to explore how it has determined most contemporary social institutions in America, including those in the political, civic, cultural and economic areas.

It applies the idea of the destiny of societies or nations to American society in particular. Zafirovski, whose research interests include political sociology and economy, social stratification and theory, also is the author of *Liberal Modernity and Its Adversaries* and *The Enlightenment and its Effects on Modern Society*.



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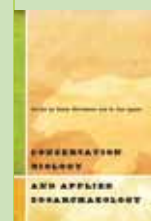
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