

Honoring THE Faculty



UNIVERSITY OF WISCONSIN–MADISON
PROMOTIONS 2009



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of
WISCONSIN
MADISON

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Preface

The University of Wisconsin–Madison Libraries’ Honoring the Faculty program is an established tradition that recognizes faculty who receive promotion by adding a book in their name to one of the university libraries. A commemorative bookplate is placed inside the cover that identifies the honoree by name, title, department, and year of promotion.

When faculty members are initially contacted by the library they are encouraged to select a book title representing something meaningful to them either professionally or personally. Selected titles may include books that informed their teaching or research, books they authored or co-authored, or books that inspired them as children. Each promoted faculty member is asked to write a brief explanation of why they recommended the book. Not all respondents comment on their selections, but when they do, their observations are sometimes revealing.

Promotion in rank is a major achievement in the professional life of faculty. It is the culmination of years of work, representing excellence in research, teaching, and service to the university and the wider community. The Libraries were inspired to initiate this program because the library staff has so many occasions to observe the extraordinary talent, energy, and effort required to achieve promotion and tenure at the University of Wisconsin–Madison.

The books added to the collection are paid for using the unrestricted gift funds of the UW–Madison Libraries. The depth and excellence of library collections—enriched by programs such as this one—would not be possible without the generosity of donors.

Every effort has been made with this publication to ensure that no one is overlooked. However it is possible for promotions to be made after the spring announcement. If this occurs, the faculty member will be recognized in the following year.

I wish to acknowledge the important contributions of Elisabeth Owens, who manages the Honoring the Faculty program and all publication projects of the Libraries’ Parallel Press. Thanks also to Richard Reeb who provides essential oversight of the process for acquiring and processing the honorees’ selections. The books selected provide a reminder of the attainments of each UW–Madison faculty member and the compilation will serve as a permanent historical record of the University of Wisconsin–Madison.

*Ken Frazier, Director
General Library System*

Faculty Promotions, 2009

University of Wisconsin–Madison

Note: Some faculty elected not to select a book or issue a statement, but their names and department are recorded here for preservation purposes.

Todd R. Allen

COLLEGE OF ENGINEERING, DEPARTMENT OF ENGINEERING PHYSICS

The Prize: The Epic Quest for Oil, Money and Power.

DANIEL YERGIN. FREE PRESS, 2008.

This book provides an outstanding description of how the combination of technology, economics, and politics affect how the world works.

Kurt J. Amann

COLLEGE OF LETTERS & SCIENCE, DEPARTMENT OF ZOOLOGY

The Bicycle Wheel.

JOBST BRANDT. 3RD EDITION. AVOCET, 2003.

There are three reasons that I have selected this book: (1) the library already has more than enough copies of *Origin of the Species*; (2) building bicycle wheels was a therapeutic palliative during the tenure process; and (3) if you define the problem well enough, you will find that there is always exactly one best solution. There is one best wheel for every ride on every bike. Well, maybe two.

Anna Vemer Andrzejewski

COLLEGE OF LETTERS & SCIENCE, DEPARTMENT OF ART HISTORY

Second Suburb: Levittown, Pennsylvania.

EDITED BY DIANE SUZETTE HARRIS. UNIVERSITY OF PITTSBURGH PRESS, 2010.

No statement provided.

Andrea C. Arpaci-Dusseau

COLLEGE OF LETTERS & SCIENCE, DEPARTMENT OF COMPUTER SCIENCES

Nine Tomorrows: Tales of the Near Future.

ISAAC ASIMOV. 1ST EDITION. DOUBLEDAY, 1959.

No statement provided.

Remzi H. Arpaci-Dusseau

COLLEGE OF LETTERS & SCIENCE, DEPARTMENT OF COMPUTER SCIENCES

Theory of Heat Transfer in Laminar Flow, Applied to the Entrance Region of Tubes with Heat Capacity.

VEDAT S. ARPACI. THESIS. MASSACHUSETTS INSTITUTE OF TECHNOLOGY, DEPARTMENT OF MECHANICAL ENGINEERING, 1958.

All of my life, I watched my father pour himself into his research. His dissertation, awarded to him on June 13, 1958 by the Massachusetts Institute of Technology, Department of Mechanical Engineering, was the beginning of his long and successful career. His work, and more importantly, his actions, served as a role model for me throughout my career. Thus, with this selection, I attempt to honor all that my father has given me.

Robert Asen

COLLEGE OF LETTERS & SCIENCE, DEPARTMENT OF COMMUNICATION ARTS

You, the People: American National Identity in Presidential Rhetoric.

VANESSA B. BEASLEY. PRESIDENTIAL RHETORIC SERIES; NO. 10. 1ST EDITION.

TEXAS A&M UNIVERSITY PRESS, 2004.

This book illuminates the power of rhetoric to build community, shape identity, and craft public policy.

Suman Banerjee

COLLEGE OF LETTERS & SCIENCE, DEPARTMENT OF COMPUTER SCIENCES

Phillip W. Barak

COLLEGE OF AGRICULTURAL & LIFE SCIENCES, DEPARTMENT OF SOIL SCIENCE

The Soils of Israel.

ARIEH SINGER. SPRINGER, 2007.

Professor Singer was one of my instructors during my graduate studies. *The Soils of Israel* provides a striking example of catenas, the sequence of soils across the landscape as affected by soil forming factors of bedrock, biota, terrain, and climate.

Amy J. Barger

COLLEGE OF LETTERS & SCIENCE, DEPARTMENT OF ASTRONOMY

Fundamentals of Cosmology.

JAMES RICH. 2ND EDITION. SPRINGER, 2009.

No statement provided.

Amy Quan Barry

COLLEGE OF LETTERS & SCIENCE, DEPARTMENT OF ENGLISH

The Thorn Rosary: Selected Prose Poems, 1998-2010.

EILEEN R. TABIOS. MARSH HAWK PRESS, 2010.

No statement provided.

Leonelo E. Bautista

SCHOOL OF MEDICINE AND PUBLIC HEALTH, DEPARTMENT OF POPULATION HEALTH SCIENCES

Case-Control Studies: Design, Conduct, Analysis.

JAMES J. SCHLESSELMAN. MONOGRAPHS IN EPIDEMIOLOGY BIostatISTICS.

VOLUME 2. OXFORD UNIVERSITY PRESS, 1982.

This book exposed me for the first time to a rigorous, clear and comprehensive explanation of case-control studies as a tool for epidemiologic research. Through the years I've found myself going back to this book as a source for my research and teaching endeavors.

Mary C. Beltrán

COLLEGE OF LETTERS & SCIENCE, DEPARTMENT OF COMMUNICATION ARTS

Latino Stars in U.S. Eyes: The Making and Meanings of Film and TV Stardom.

MARY C. BELTRÁN. UNIVERSITY OF ILLINOIS PRESS, 2009.

I would like to ask that a second copy of this book be purchased for the Ethnic Studies Reading Room, so that more undergraduate students might have access to it.

Lawrence M. Berger

COLLEGE OF LETTERS & SCIENCE, SCHOOL OF SOCIAL WORK

A Confederacy of Dunces.

JOHN KENNEDY TOOLE. 20TH ANNIVERSARY EDITION. LOUISIANA STATE PRESS, 2000.

Simply the funniest book I've read.

Leslie Bow

COLLEGE OF LETTERS & SCIENCE, DEPARTMENT OF ENGLISH

Who Am I?: An Autobiography of Emotion, Mind, and Spirit.

YI-FU TUAN. UNIVERSITY OF WISCONSIN PRESS, 1999.

Professor Tuan's memoir is not likely to be read in the context of Asian American Studies, and so I wrest it there with this gesture (no doubt under the author's protestation against such categorization). Being Chinese and a midwesterner are not the identities that this esteemed UW emeritus professor of geography deems significant in contrast to desire, aesthetics, and vocation, which take center stage in his inventory of the self. But as an Asian American in Madison, Wisconsin, I find them enormously important to the story that is told here, a poignant and touching portrait of human interconnection, community, and, ultimately, isolation.

Karl W. Broman

SCHOOL OF MEDICINE AND PUBLIC HEALTH, DEPARTMENT OF BIostatISTICS AND MEDICAL INFORMATICS

Statistical Models: Theory and Practice.

DAVID A. FREEDMAN. REVISED EDITION. CAMBRIDGE UNIVERSITY PRESS, 2009.

David Freedman's work has had a great influence on me. I particularly admire the great clarity of his writing.

Dominique Brossard

COLLEGE OF AGRICULTURAL AND LIFE SCIENCES, DEPARTMENT OF LIFE SCIENCES COMMUNICATION

The Media, The Public, and Agricultural Biotechnology.

EDITED BY D. BROSSARD, J. SHANAHAN AND T.C. NESBITT. CABI, 2007.

Many contributors in this book have inspired my thinking about controversial scientific issues. The international context of the case studies is grounded in my upbringing in many parts of the world and a vivid reminder of the global context in which we live.

Elizabeth S. Burnside

SCHOOL OF MEDICINE AND PUBLIC HEALTH, DEPARTMENT OF RADIOLOGY

Mason A. Carpenter

SCHOOL OF BUSINESS

Strategic Management: A Dynamic Perspective, Concepts and Cases.

MASON A. CARPENTER AND WILLIAM GERARD SANDERS. 2ND EDITION.
PEARSON, 2009.

I chose this book because it represents the output of a decade of successful partnering with my students, colleagues, and executive mentors around the world.

Erik W. Carter

SCHOOL OF EDUCATION, DEPARTMENT OF REHABILITATION PSYCHOLOGY AND
SPECIAL EDUCATION

Herbert Chen

SCHOOL OF MEDICINE AND PUBLIC HEALTH, DEPARTMENT OF SURGERY

Illustrative Handbook of General Surgery.

EDITED BY HERBERT CHEN. SPRINGER, 2009.

I was working on this book during my promotion.

Daniel Jun Hun Chung

COLLEGE OF LETTERS & SCIENCE, DEPARTMENT OF PHYSICS

The Early Universe: Frontiers in Physics.

EDWARD W. KOLB AND MICHAEL S. TURNER. FRONTIERS IN PHYSICS.
VOLUME 69. ADDISON-WESLEY, 1990.

This classic textbook on early-universe cosmology was written by my graduate advisors. I am particularly grateful to Edward Kolb, who has had a great influence on my career. I hope this book will inspire readers to forge new paths and discover ever-more-interesting truths about our universe.

Juan Comesana

COLLEGE OF LETTERS & SCIENCE, DEPARTMENT OF PHILOSOPHY

Shawn P. Conley

COLLEGE OF AGRICULTURAL & LIFE SCIENCES, DEPARTMENT OF AGRONOMY

Wendy C. Crone

COLLEGE OF ENGINEERING, DEPARTMENT OF ENGINEERING PHYSICS

Bringing Nano to the Public: A Collaboration Opportunity for Researchers and Museums.

WENDY C. CRONE AND EDITED BY SUSAN E. KOCH.
SCIENCE MUSEUM OF MINNESOTA, 2006.

I have been working with science museums for the last several years on exhibit and program development in the area of nanotechnology. I wrote this guide for other researchers to facilitate broader engagement of scientists and engineers with science museums. I hope this book will help others to bring their research ideas and experiences as scientists and engineers to the public.

Mark Csikszentmihalyi

COLLEGE OF LETTERS & SCIENCE, DEPARTMENT OF EAST ASIAN LANGUAGES AND LITERATURE

Eileen Marie Cullen

COLLEGE OF AGRICULTURAL AND LIFE SCIENCES, DEPARTMENT OF ENTOMOLOGY

Beyond the Hundredth Meridian: John Wesley Powell and the Second Opening of the West.

WALLACE STEGNER. PENGUIN, 1992.

Wallace Stegner recounts John Wesley Powell’s career and vision as a progressive ethnologist and geologist ahead of his time. This book describes how climate, rainfall pattern, and geography were no match in the late 1800s and early 1900s for political, cultural, and economic trends to superimpose eastern and midwestern agricultural land use patterns on the semi-arid and arid American West. As an agricultural scientist and extension specialist, my work has taken me to many of the same places and policy that Powell covered over one hundred years ago, from the Midwest to the American West and back again. This book provides insights and historical accounts of how land- and water-use patterns and agricultural systems are intimately connected with a sense of place, cultures, and ecology. Powell documented how these aspects can work together for the greater good, and accurately predicted environmental, economic, and social challenges that arise when they don’t.

John J. Curtin

COLLEGE OF LETTERS & SCIENCE, DEPARTMENT OF PSYCHOLOGY

Donald R. Davis, Jr.

COLLEGE OF LETTERS & SCIENCE, DEPARTMENT OF LANGUAGES AND CULTURES OF ASIA

Shari’a: Theory, Practice, Transformations.

WAEEL B. HALLAQ. CAMBRIDGE UNIVERSITY PRESS, 2009.

Though I am a student and scholar of the Hindu law tradition, my encounter with Islamic law since coming to UW–Madison has been the single most important contribution to my research and thinking about law and religion. This comprehensive monograph on Islamic law by one of the great modern interpreters of the tradition provides a masterful account of both its beauty and power.

Samuel F. Dennis, Jr.

COLLEGE OF AGRICULTURAL AND LIFE SCIENCES, DEPARTMENT OF NATURAL RESOURCES AND LANDSCAPE ARCHITECTURE

Design for Ecological Democracy.

RANDOLPH T. HESTER. MIT PRESS, 2006.

This is landscape architect Randy Hester’s magnum opus. This book, more than any other, theorizes a design approach that is both socially and ecologically restorative, culminating a brilliant, if underappreciated, career as a designer and scholar. We should all aspire to Hester’s humane practice of design—one that honors people’s timeless connection to place.

Aparna Dharwadker

COLLEGE OF LETTERS & SCIENCE, DEPARTMENT OF THEATRE AND DRAMA

Kabir: The Weaver's Songs.

KABIR. TRANSLATED BY VINAY DHARWADKER. PENGUIN GLOBAL, 2003.

This book contains new translations of 100 poems by Kabir, the premodern Indian religious poet who exemplifies the qualities of mystical devotion as well as religious tolerance and social acceptance. The translator is my husband, Professor Vinay Dharwadker (UW–Madison, Department of Languages and Cultures of Asia), whose extended introduction, notes, and annotations also create an extraordinary scholarly apparatus for the poems. This bookplate honors his brilliance as a translator and interpreter of Kabir.

Arjang Djamali

SCHOOL OF MEDICINE AND PUBLIC HEALTH, DEPARTMENT OF MEDICINE

Kidney Transplantation: Principles and Practice.

EDITED BY PETER J. MORRIS AND STUART J. KNECHTLE. 6TH EDITION.
SAUNDERS/ELSEVIER, 2008.

No statement provided.

Greg Downey

COLLEGE OF LETTERS & SCIENCE, DEPARTMENT OF JOURNALISM AND MASS COMMUNICATION

The Turning of Place: Social Spaces and Pervasive Digital Media.

RICHARD COYNE. MIT PRESS, 2010.

No statement provided.

David Drake

COLLEGE OF AGRICULTURAL AND LIFE SCIENCES, DEPARTMENT OF FOREST AND WILDLIFE ECOLOGY

Nan Enstad

COLLEGE OF LETTERS & SCIENCE, DEPARTMENT OF HISTORY

Katrina T. Forest

COLLEGE OF AGRICULTURAL AND LIFE SCIENCES, DEPARTMENT OF BACTERIOLOGY

Brock Biology of Microorganisms.

MICHAEL T. MADIGAN. 12TH EDITION. PEARSON/BENJAMIN CUMMINGS, 2009.

No statement provided.

Dante O. Fratta

COLLEGE OF ENGINEERING, DEPARTMENT OF CIVIL AND ENVIRONMENTAL ENGINEERING

Acoustics of Porous Media.

THIERRY BOURBIÉ, OLIVIER COUSSY AND BERNARD ZINSZNER.
EDITIONS TECHNIP, 1987.

This is one of the books I studied during my masters and doctorate programs. It provided me with great insight about elastic waves and porous media interactions. It was fascinating to me.

Paul M. Fricke

COLLEGE OF AGRICULTURAL AND LIFE SCIENCES, DEPARTMENT OF DAIRY SCIENCE

The Knife Man: The Extraordinary Life and Times of John Hunter, Father of Modern Surgery.

WENDY MOORE. BROADWAY BOOKS, 2005.

I am a reproductive biologist, and John Hunter is considered one of the fathers of my discipline. During my PhD training, I had the opportunity to attend one of the Hunter Lectures in Glasgow, Scotland, which commemorate the Hunter brothers' contributions to reproductive biology.

Scott G. Gehlbach

COLLEGE OF LETTERS & SCIENCE, DEPARTMENT OF POLITICAL SCIENCE

Our Times: The People, History and Culture of Logan County, Illinois.

NANCY LAWRENCE GEHLBACH. PRAIRIE YEARS PRESS, 1996–2002.

This is the complete print run of *Our Times*, a quarterly newsletter on the history of my hometown: Lincoln, Illinois. Each issue focuses on a single topic—factories, farming, church life, aviation—and presents information gathered through interviews conducted by Nancy Gehlbach, my mother. Together, they form a wonderful document of a certain period in midwestern life.

Heidi Goodrich-Blair

COLLEGE OF AGRICULTURAL AND LIFE SCIENCES, DEPARTMENT OF BACTERIOLOGY

The Symbiotic Habit.

ANGELA E. DOUGLAS. PRINCETON UNIVERSITY PRESS, 2010.

My career at UW–Madison has been dedicated toward understanding microbial symbiosis. Dr. Angela Douglas, the author of this upcoming book on symbiosis, has been particularly inspiring to me professionally and personally.

Claudio Gratton

COLLEGE OF AGRICULTURAL AND LIFE SCIENCES, DEPARTMENT OF ENTOMOLOGY

Full Catastrophe Living: Using the Wisdom of Your Body and Mind to Face Stress, Pain and Illness.

JON KABAT-ZINN. DELACORTE PRESS, 1990.

This book and its fundamental teachings got me through to tenure in one piece. It gave me an entirely new perspective on navigating life. I hope others can come to appreciate this book the way I have.

Yevgenya Grinblat

COLLEGE OF LETTERS & SCIENCE, DEPARTMENT OF ZOOLOGY

Evolution, Development and the Predictable Genome.

DAVID LAWRENCE STERN. ROBERTS AND COMPANY, 2010.

No statement provided.

Douglas N. Harris

SCHOOL OF EDUCATION, DEPARTMENT OF EDUCATIONAL POLICY STUDIES

Akikazu Hashimoto

COLLEGE OF LETTERS & SCIENCE, DEPARTMENT OF PHYSICS

Karsten M. Heeger

COLLEGE OF LETTERS & SCIENCE, DEPARTMENT OF PHYSICS

Neutrino Oscillations: Present Status and Future Plans.

EDITED BY JENNIFER A. THOMAS AND PATRICIA L. VAHLE. WORLD SCIENTIFIC, 2008.

This book describes the current state of my field of research and includes a chapter written by myself.

Bryan C. Heiderscheidt

SCHOOL OF MEDICINE AND PUBLIC HEALTH, DEPARTMENT OF ORTHOPEDICS AND REHABILITATION

Skeletal Muscle Structure, Function, and Plasticity: The Physiological Basis of Rehabilitation.

RICHARD L. LIEBER. 3RD EDITION. LIPPINCOTT WILLIAMS & WILKINS, 2010.

No statement provided.

Pamela Herd

COLLEGE OF LETTERS & SCIENCE, LAFOLLETTE SCHOOL OF PUBLIC AFFAIRS

Matthew F. Herndon

COLLEGE OF LETTERS & SCIENCE, DEPARTMENT OF PHYSICS

Introduction to Elementary Particles.

DAVID J. GRIFFITHS. REVISED 2ND EDITION. WILEY-VCH, 2008.

This book is an excellent introduction to my area of research, useful for any student interested in particle physics at the level of an advanced undergraduate student or higher.

Diana E. Hess

SCHOOL OF EDUCATION, DEPARTMENT OF CURRICULUM AND INSTRUCTION

Justice: What's the Right Thing to Do?

MICHAEL J. SANDEL. FARRAR, STRAUS AND GIROUX, 2009.

My research and teaching focus on how to help young people talk about highly controversial political issues. In this book, one of the nation's most esteemed philosophers provides a detailed and compelling analysis of the moral questions and the challenges embedded in many important contemporary controversies.

Tracey A. Holloway

GAYLORD NELSON INSTITUTE FOR ENVIRONMENTAL STUDY, DEPARTMENT OF SUSTAINABILITY AND GLOBAL ENVIRONMENT

An Introduction to Dynamic Meteorology.

JAMES R. HOLTON. INTERNATIONAL GEOPHYSICS SERIES. VOLUME 88. 4TH EDITION. ELSEVIER ACADEMIC PRESS, 2004.

When studying for my PhD qualifying exams at Princeton University in 1997, I memorized this book. I filled hundreds of pages with chapter-by-chapter notes from this introductory textbook on geophysical fluid dynamics (GFD). Without it, I would not have passed the exams, and my life would be very different. Thank you, Dr. Holton.

Florence C. Hsia

COLLEGE OF LETTERS & SCIENCE, DEPARTMENT OF HISTORY OF SCIENCE

Science et théologie: dans les débats savants de la seconde moitié du XVIIe Siècle.

TONY VOLPE. BREPOLS, 2008.

I've long been interested in the historical intersections of science and religion, and more recently, in science and print culture. This study of Genesis in the pages of the two leading early-modern European scholarly journals certainly got my attention.

Katherine C. Hustad

COLLEGE OF LETTERS & SCIENCE, DEPARTMENT OF COMMUNICATIVE DISORDERS

Augmentative and Alternative Communication: Supporting Children and Adults with Complex Communication Needs.

DAVID R. BEUKELMAN AND PAT MIRENDA. 3RD EDITION. PAUL H. BROOKES PUBLISHING COMPANY, 2005.

This book has been and continues to be a primary foundational text for those learning about augmentative communication assessment and intervention for children and adults with complex communication needs. The first author, David Beukelman, was my doctoral advisor. His mentorship had a profound influence on me, both personally and professionally.

Randall D. Jackson

COLLEGE OF AGRICULTURAL AND LIFE SCIENCES, DEPARTMENT OF AGRONOMY

Grassland: The History, Biology, Politics, and Promise of the American Prairie.

RICHARD MANNING. VIKING PRESS, 1995.

Manning helps us think about why grasslands are worth maintaining.

Robert Jeraj

SCHOOL OF MEDICINE AND PUBLIC HEALTH, DEPARTMENT OF MEDICAL PHYSICS

Izbrane Pesmi=Selected Poems.

FRANCE PREŠEREN. MLADINSKA KNJIGA, 2008.

No statement provided.

Hongrui Jiang

COLLEGE OF ENGINEERING, DEPARTMENT OF ELECTRICAL AND COMPUTER ENGINEERING

Oceanic Wilderness.

ROGER STEENE. FIREFLY BOOKS, 2007.

No statement provided.

Amaud J. Johnson

COLLEGE OF LETTERS & SCIENCE, DEPARTMENT OF ENGLISH

Collected Poems of Robert Hayden.

ROBERT HAYDEN. EDITED BY FREDERICK GLAYSHER WITH INTRODUCTION BY
ARNOLD RAMPERSAD. LIVERIGHT PUBLISHING CORPORATION, 1996.

No statement provided.

Stephen Mark Johnson

SCHOOL OF VETERINARY MEDICINE, DEPARTMENT OF COMPARATIVE BIOSCIENCES

Robert F. Kalejta

SCHOOL OF MEDICINE AND PUBLIC HEALTH, DEPARTMENT OF ONCOLOGY

Human Cytomegalovirus: Current Topics in Microbiology and Immunology.

EDITED BY THOMAS SHENK AND MARK F. STINSKI. BERLIN: SPRINGER, 2008.

I wrote a chapter for this book based in part on my own work conducted in the process of receiving tenure.

Sunduz Keles

COLLEGE OF LETTERS & SCIENCE, DEPARTMENT OF STATISTICS

*Bioinformatics and Computational Biology Solutions Using R
and Bioconductor.*

EDITED BY ROBERT GENTLEMAN, ET AL. NEW YORK: SPRINGER SCIENCE + BUSINESS
MEDIA, 2005.

No statement provided.

Marc Kleijwegt

COLLEGE OF LETTERS & SCIENCE, DEPARTMENT OF HISTORY

L'achat et la vente des esclaves dans l'Égypte romaine.

JEAN A. STRAUS. ARCHIV FÜR PAPYRUSFORSCHUNG UND VERWANDTE GEBIETE.
BEIHEFT; 14. K.G. SAUR, 2004.

This book contributes to my current research on Roman slavery.

Eric J. Knuth

SCHOOL OF EDUCATION, DEPARTMENT OF CURRICULUM AND INSTRUCTION

The Art of Problem Posing.

STEPHEN I. BROWN AND MARION I. WALTER. LAWRENCE ERLBAUM, 2005.

The book significantly influenced my thinking about the teaching and learning of mathematics.

Elizabeth A. Larson

SCHOOL OF EDUCATION, DEPARTMENT OF KINESIOLOGY

Occupational Therapies without Borders: Towards An Ecology of Occupation-Based Practices.

FRANK KRONENBERG, N. POLLARD, AND D. SAKELLARIOU.
ELSEVIER, FORTHCOMING 2011.

This book focuses on two very important issues in the profession of occupational therapy: occupation-based practice and growing the practice to community settings to address quality of life for all people, whether able-bodied or disabled. Occupational therapy is in a professional renaissance, harkening back to our roots focusing on the use of ordinary daily activity therapeutically to develop healthy meaningful lives and lifestyles. We recognize that all people should “live life to the fullest” being able to do those activities that give their life meaning and quality regardless of age, disability, ethnicity, sexual orientation, income, or social barriers. In this way, occupational therapy is reaching beyond current practice boundaries to a larger community-based practice and must engage in the advocacy and public policy work to support this endeavor.

Alexander Lazarian

COLLEGE OF LETTERS & SCIENCE, DEPARTMENT OF ASTRONOMY

Plasma Physics for Astrophysics.

RUSSELL M. KULSRUD. PRINCETON SERIES IN ASTROPHYSICS. PRINCETON UNIVERSITY PRESS, 2004.

No statement provided.

Rasmus Lentz

COLLEGE OF LETTERS & SCIENCE, DEPARTMENT OF ECONOMICS

Xiaochun Li

COLLEGE OF ENGINEERING, DEPARTMENT OF MECHANICAL ENGINEERING

Sensors and Control Systems in Manufacturing.

SABRIE SOLOMAN. MCGRAW-HILL, 2009.

No statement provided.

Mikko H. Lipasti

COLLEGE OF ENGINEERING, DEPARTMENT OF ELECTRICAL & COMPUTER ENGINEERING

The Genius Engine: Where Memory, Reason, Passion, Violence, and Creativity Intersect in the Human Brain.

KATHLEEN STEIN. WILEY, 2007.

This book explores the role and operation of the human prefrontal cortex in memory, reason, passion, violence, and creativity. It is an engaging introduction to these fascinating topics, and it is closely related to my current research interests in cortically-inspired computing systems.

Mara Loveman

COLLEGE OF LETTERS & SCIENCE, DEPARTMENT OF SOCIOLOGY

Black into White: Race and Nationality in Brazilian Social Thought.

THOMAS E. SKIDMORE. OXFORD UNIVERSITY PRESS, 1974.

This book inspired my interest in Brazilian history. It is a key reference for anyone interested in the comparative history of racial ideas and nation-state building in the Americas.

John A. Lucey

COLLEGE OF AGRICULTURAL AND LIFE SCIENCES, DEPARTMENT OF FOOD SCIENCE

Carrie Anne Macijowsky Laboski

COLLEGE OF AGRICULTURAL AND LIFE SCIENCES, DEPARTMENT OF SOIL SCIENCE

Soil Science: Step-by-Step Field Analysis.

SALLY LOGSDON, ET AL. SPI EDITION. SOIL SCIENCE SOCIETY OF AMERICA, 2008.

This is a practical book that can help students and practicing professionals learn field techniques.

Marie-Louise Mares

COLLEGE OF LETTERS & SCIENCE, DEPARTMENT OF COMMUNICATION ARTS

Jonathan F. McAnulty

SCHOOL OF VETERINARY MEDICINE, DEPARTMENT OF SURGICAL SCIENCES

Blink: The Power of Thinking without Thinking.

MALCOLM GLADWELL. LITTLE BROWN AND CO., 2005.

This book is a thought-provoking summary of studies and observations on the role of the subconscious in decision making and bias. It has application to instructional activities, clinical decision making, and academic policy formulation, and it stimulates questions regarding objectivity in everyday thinking. A thought-provoking thesis every academic should at least ponder.

Mary Elizabeth Meyerand

SCHOOL OF MEDICINE AND PUBLIC HEALTH, DEPARTMENT OF MEDICAL PHYSICS

Hardball for Women: Winning at the Game of Business.

PAT HEIM WITH SUSAN K. GOLANT. LOS ANGELES: LOWELL HOUSE, 1992.

One of my female faculty mentors recommended this book to me—it has been invaluable to me in my growth as a faculty member.

Julie C. Mitchell

COLLEGE OF LETTERS & SCIENCE, DEPARTMENT OF MATHEMATICS

Mathematics Made Difficult: A Handbook for the Perplexed.

CARL E. LINDERHOLM. WORLD PUBLISHING, 1972.

This book is an amusing little gem that is not yet in the UW collection.

Junko Mori

COLLEGE OF LETTERS & SCIENCE, DEPARTMENT OF EAST ASIAN LANGUAGES
AND LITERATURE

Thomas Richard Oliver

SCHOOL OF MEDICINE AND PUBLIC HEALTH, DEPARTMENT OF POPULATION HEALTH
SCIENCES

Agendas, Alternatives and Public Policies.

JOHN W. KINGDON. 2ND EDITION. PEARSON EDUCATION, 1997.

John Kingdon’s now-classic study of the sources of public policy innovation provided me with an intellectual foundation for my career-long interest in health care politics and system reform. His novel conceptual framework of agenda-setting and his rich, detailed empirical analysis served as a model for scholarship in this complex brand of applied political science. Now, more than a quarter-century later, Kingdon’s work is still one of the keys to understanding whether and how government is able to address critical social problems affecting our health and quality of life.

François Ortalo-Magné

SCHOOL OF BUSINESS

Politique agricole: un modèle Européen.

FRANÇOIS ORTALO-MAGNÉ AND LOUIS-PASCAL MAHÉ. PRESSES DE LA FOUNDATION
NATIONALE DES SCIENCES POLITIQUES, 2001.

I coauthored this book with Louis-Pascal Mahé.

Nadine Pattakos Connor

COLLEGE OF LETTERS & SCIENCE, DEPARTMENT OF COMMUNICATIVE DISORDERS

Molecular Biology of the Cell.

BRUCE ALBERTS ET AL. 3RD EDITION. GARLAND SCIENCE, 2008.

Thank you to Alberts et al. for a fantastic volume that helped me through graduate school! I still refer to this book frequently because the concepts are timely and well described, with outstanding graphics. This is a book that I suggest to all of my students.

Joann J. Peck

SCHOOL OF BUSINESS

*Sherlock Holmes on the Stage: A Chronological Encyclopedia of Plays
Featuring the Great Detective.*

AMNON KABATCHNIK. SCARECROW PRESS, 2008.

I never enjoyed reading until I discovered Sherlock Holmes in elementary school. I credit Arthur Conan Doyle for changing me from a nonreader to a reader.

Francis J. Petriello

COLLEGE OF LETTERS & SCIENCE, DEPARTMENT OF PHYSICS

Jon C. Pevehouse

COLLEGE OF LETTERS & SCIENCE, DEPARTMENT OF POLITICAL SCIENCE

Frank E. Pfefferkorn

COLLEGE OF ENGINEERING, DEPARTMENT OF MECHANICAL ENGINEERING

Visions of a Flying Machine: The Wright Brothers and the Process of Invention.

PETER L. JAKAB. SMITHSONIAN, 1997.

This book describes the process that the Wright Brothers followed in their quest to build a heavier-than-air flying machine that was controllable. It highlights the importance of persistence, engineering insight (or intuition), and attention to detail. After reading this I realized how brilliant they were because of these traits. They were consummate engineers: not simply satisfied with creating a new theory or design but also executing it successfully.

Luis C. Populin

SCHOOL OF MEDICINE AND PUBLIC HEALTH, DEPARTMENT OF ANATOMY

Histology of the Nervous System of Man and Vertebrates.

SANTIAGO RAMON Y CAJAL. TRANSLATED BY NEELY SWANSON AND LARRY SWANSON. HISTORY OF NEUROSCIENCE, NO. 6. OXFORD UNIVERSITY PRESS, 1995.

I have selected this book by Santiago Ramon y Cajal because he is considered the father of neuroscience, my field of study.

Sadhana Puntambekar

SCHOOL OF EDUCATION, DEPARTMENT OF EDUCATIONAL PSYCHOLOGY

Vygotsky and Education: Instructional Implications and Applications of Sociobistorical Psychology.

EDITED BY LUIS C. MOLL. CAMBRIDGE UNIVERSITY PRESS, 1990.

This book presents a fine set of articles that discuss the relevance and implications of Vygotsky's ideas to education. It is an excellent introduction to the key theoretical constructs put forth by Vygotsky, especially as they apply to education.

James M. Raymo

COLLEGE OF LETTERS & SCIENCE, DEPARTMENT OF SOCIOLOGY

The Methods and Materials of Demography.

JACOB S. SIEGEL AND DAVID A. SWANSON. 2ND EDITION. ACADEMIC PRESS, 2004.

This book has been extremely helpful in both my teaching and research.

Stephanie Ann Robert

COLLEGE OF LETTERS & SCIENCE, SCHOOL OF SOCIAL WORK

Unnatural Causes: Is Inequality Making Us Sick?.

A VIDEO SPONSORED BY CALIFORNIA NEWSREEL AND BROADCAST ON PBS VIDEO SERIES, 2008.

This is an important video series that helps us address the fact that health in our society is affected by more than access to quality health care. Social and economic conditions of life are the predominant determinants of physical and mental health, and this video series makes this information accessible to many audiences.

Guilherme J. M. Rosa

COLLEGE OF AGRICULTURAL AND LIFE SCIENCES, DEPARTMENT OF DAIRY SCIENCES

Likelihood, Bayesian and MCMC Methods in Quantitative Genetics.

DANIEL SORENSEN AND DANIEL GIANOLA. SPRINGER-VERLAG, 2002.

Professors Daniel Gianola and Daniel Sorensen have introduced me to Bayesian and MCMC methods and their applications to animal breeding and genetics. Professor Gianola gave a two-week course in Brazil (my home country) on this topic in 1996 and I was glad to be able to attend it. At that time I was a second-year PhD student at the University of Sao Paulo, and I got so fascinated by that topic that I decided to develop my thesis research in that area, and ended up coming to the University of Wisconsin–Madison to work under Professor Gianola’s supervision for more than one year. Professor Sorensen, on the other hand, also used to give short courses on the topic around the world, for which he had developed a set of handouts. Those handouts were the first materials I used to start my studies on Bayesian and MCMC methods. After my PhD degree I came back to the UW for a postdoctoral training with Professor Gianola. I was hired by Michigan State University as an assistant professor and now am finally back at UW.

John L. Rudolph

SCHOOL OF EDUCATION, DEPARTMENT OF CURRICULUM AND INSTRUCTION

Never Pure: Historical Studies of Science as if It Was Produced by People with Bodies, Situated in Time, Space, Culture, and Society, and Struggling for Credibility and Authority.

STEVEN SHAPIN. JOHNS HOPKINS UNIVERSITY PRESS, 2010.

Shapin’s work on trust and credibility in science has been powerfully influential in my own work on the manner in which school science has mediated the relationship between science and the public.

Ana Carolina Sartorio

COLLEGE OF LETTERS & SCIENCE, DEPARTMENT OF PHILOSOPHY

Kurt W. Saupe

SCHOOL OF MEDICINE AND PUBLIC HEALTH, DEPARTMENT OF MEDICINE

Cardiogenic Shock.

EDITED BY STEVEN M. HOLLENBERG AND ERIC R. BATES. FUTURA PUBLISHING COMPANY, INC., 2002.

I coauthored a chapter in this book with my mentor, who recently passed away.

Karl Blaine Shoemaker

COLLEGE OF LETTERS & SCIENCE, DEPARTMENT OF HISTORY

The Making of English Law: King Alfred to the Twelfth Century.

PATRICK WORMALD. VOLUME 1: LEGISLATION AND ITS LIMITS. WILEY-BLACKWELL, 1999.

This is the most important work in early medieval English legal history to appear in a century.

Carl R. Sovinec

COLLEGE OF ENGINEERING, DEPARTMENT OF ENGINEERING PHYSICS

Vladimir S. Spiegelman

SCHOOL OF MEDICINE AND PUBLIC HEALTH, DEPARTMENT OF DERMATOLOGY

Power.

LION FEUCHTWANGER. TRANSLATED BY WILLA AND EDWIN MUIR. VIKING PRESS, 1926.

No statement provided.

Robert T. Striker

SCHOOL OF MEDICINE AND PUBLIC HEALTH, DEPARTMENT OF MEDICINE

The Microbial Challenge: Science, Disease and Public Health.

ROBERT I. KRASNER. JONES AND BARTLETT PUBLISHERS, 2010.

No statement provided.

Bruce Robert Thomadsen

SCHOOL OF MEDICINE AND PUBLIC HEALTH, DEPARTMENT OF MEDICAL PHYSICS

The Talmud, The Steinsaltz Edition: A Reference Guide.

COMMENTARY BY RABBI ADIN STEINSALTZ. VOLUME 1: TRACTATE BAVA METZIA, PART 1. RANDOM HOUSE, 1989.

The library has many of the volumes in Steinsaltz's set of Talmud but not his reference guide for the work, which is very useful for the student trying to learn from this complex compendium.

Michael George Thomas

COLLEGE OF AGRICULTURAL AND LIFE SCIENCES, DEPARTMENT OF BACTERIOLOGY

The New Foundations of Evolution: On The Tree of Life.

JAN SAPP. OXFORD UNIVERSITY PRESS, 2009.

No statement provided.

Anita M. Thompson

COLLEGE OF AGRICULTURAL AND LIFE SCIENCES, DEPARTMENT OF BIOLOGICAL SYSTEMS
ENGINEERING

On the Day You Were Born.

DEBRA FRASIER. RED WAGON BOOKS, 2006.

This book is in honor of my kids, James and Lauren, who help me keep things in perspective.

Wolfgang A. Tomé

SCHOOL OF MEDICINE AND PUBLIC HEALTH, DEPARTMENT OF HUMAN ONCOLOGY

Systems Biology in Practice: Concepts, Implementation and Application.

EDDA KLIPP, ET AL. 1ST EDITION. WILEY-VCH, 2005.

Biologists can ignore mathematics and go about their research, but they do so at their own peril. Alternatively, physicists and mathematicians can ignore biology and go about their research, but again they do so at their own peril. This book tries to bridge the gap between the science of the twentieth century (physics) and the science of the twenty-first century (biology), using the language of mathematics that has always been natural to the former, but not the latter.

Lynet Uttal

SCHOOL OF HUMAN ECOLOGY

Women of Color in U.S. Society.

EDITED BY MAXINE BACA ZINN AND BONNIE THORNTON DILL.

TEMPLE UNIVERSITY PRESS, 1994.

The scholars in this book—and their race, class, and gender perspective as interlocking systems of oppression in the experiences of women of color in the U.S.—introduced me to multiracial feminist family studies, community-based research, and community development. They didn’t use those words to describe what they were talking about and I only just started using these terms to describe my work in 2009 as I more fully developed into the scholar I am today. The ideas are the basis of a subfield that sits at the juncture of feminist studies, race studies, and participatory action research. I am so proud to have finally fully embraced this as “my field.” In particular, Maxine Baca Zinn’s chapter on “Feminist Rethinking from Racial-Ethnic Families” reminds us of the importance of combining community development and individual development, and the relational nature of different subgroups in U.S. society.

Manon Van de Water

COLLEGE OF LETTERS & SCIENCE, DEPARTMENT OF THEATRE AND DRAMA

Giri Venkataramanan

COLLEGE OF ENGINEERING, DEPARTMENT OF ELECTRICAL AND COMPUTER ENGINEERING

Beyond Developmentality: Constructing Inclusive Freedom and Sustainability.

DEBAL DEB WITH FOREWORD BY RICHARD NORGAARD. EARTHSCAN, 2009.

No statement provided.

Jeffrey Alan Viaclovsky

COLLEGE OF LETTERS & SCIENCE, DEPARTMENT OF MATHEMATICS

Einstein Manifolds.

ARTHUR L. BESSE. SPRINGER-VERLAG, 2007.

This is a beautiful text, and much of my research is inspired by it.

Paul M. Voyles

SCHOOL OF ENGINEERING, DEPARTMENT OF MATERIALS SCIENCE AND ENGINEERING

Visual Explanations: Images and Quantities, Evidence and Narrative.

EDWARD R. TUFTE. 1ST EDITION. GRAPHICS PRESS, 1997.

This beautiful book taught me that science can be as elegant and aesthetically pleasing in its presentation as in its abstract ideas.

Jyoti J. Watters

SCHOOL OF VETERINARY MEDICINE, DEPARTMENT OF COMPARATIVE BIOSCIENCES

Microglia in the Regenerating and Degenerating Central Nervous System.

EDITED BY WOLFGANG J. STREIT. 1ST EDITION. SPRINGER, 2002.

This book came out around the time I obtained my faculty position, and reading it changed how I approached my research.

Kent A. Weigel

COLLEGE OF AGRICULTURAL AND LIFE SCIENCES, DEPARTMENT OF DAIRY SCIENCE

Playing the Enemy: Nelson Mandela and the Game that Made a Nation.

JOHN CARLIN. PENGUIN BOOKS, 2008.

Fascinating look at the manner in which one of the most effective leaders of our time (Nelson Mandela) led the diverse ethnic groups of South Africa through the transition from apartheid to democracy.

Morris S. H. Young

COLLEGE OF LETTERS & SCIENCE, DEPARTMENT OF ENGLISH

Literacy and Learning: Reflections on Writing, Reading, and Society.

DEBORAH BRANDT. JOSSEY-BASS, 2009.

Deborah Brandt’s work has been influential in the way I have thought about literacy since I first read her scholarship as a graduate student. Her thinking and teaching continue to inform my own research and teaching.

R. Shepherd Zeldin

SCHOOL OF HUMAN ECOLOGY

Utilization-Focused Evaluation: The New Century Text.

MICHAEL QUINN PATTON. 3RD EDITION. SAGE PUBLICATIONS, 2008.

When promoted to associate professor, I recommended Ernest Boyer’s *Scholarship Reconsidered*, which made the case for a public university and a new brand of scholarship. This book, by Patton, gives clear directions, in a fun way, on one key strategy for producing high-quality public scholarship.