A UNIVERSITY OF TRADITION
The Spirit of Purdue, Second Edition
Compiled by the Purdue Reamer Club

A University of Tradition is a fascinating compilation of history, customs, pictures, and facts about Purdue University from its founding in 1869 to the present day. Covering all aspects of Purdue, from the origin of the nickname of its students and alumni—Boilermakers—to a chronological list of all buildings ever constructed on the campus in West Lafayette, Indiana, this book presents the ultimate insider's guide to one of the world's great universities. With 286 illustrations in color and black and white, this book contains a wealth of facts about student, academic, sporting, and campus traditions, as well as biographical information on all the University presidents and other members of Purdue's family, including David Ross, Neil Armstrong, Eliza Fowler, Jack Mollenkopf, Helen Schleman, and Amelia Earhart. A University of Tradition spotlights many items that will spark the memories of any Purdue alumnus or fan. No matter if you were in the “All-American” Marching Band, lived in the Quad, participated in Grand Prix, wrote for The Purdue Exponent, or were on campus when the Boilermakers won the 1967 Rose Bowl, you will appreciate and enjoy this book. The second edition is fully updated for 2012 and includes information about new landmarks, new traditions, and the incoming twelfth president of the University.

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 the most-launched astronaut 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.
WINGS OF THEIR DREAMS
Purdue in Flight
John Norberg
Pb, 978-1-55753-489-7 • $24.95

Throughout flight’s first 100 years, Purdue University has propelled unique contributions from pioneer educators, aviators, and engineers who flew balloons into the stratosphere, bamstomped the countryside, helped break the sound barrier, and left their footprints on lunar soil. In Wings of Their Dreams, author John Norberg follows the flight plans and footsteps of aviation’s pioneers and trailblazers across the twentieth century—a path from Kitty Hawk to the Sea of Tranquility—and beyond. Norberg reminds readers that the first and last men to land on the moon first trekked across the West Lafayette, Indiana campus on their journeys into the heavens and history. Norberg describes how, in every small step and giant leap in our country’s pilgrimage from the dawn of human flight to the space age, Purdue people and programs pushed aviation’s evolution to new heights and helped expand the frontiers of flight.

KIRBY’S WAY
How Kirby and Caroline Risk Built their Company on Kitchen-Table Values
Angie Klink
Pb, 978-1-55753-614-3 • $16.95
E-book available, $9.99

The late J. Kirby Risk II called himself “a small-town businessman from the banks of the Wabash.” He was much more. The fastidious, dapper man from Lafayette, Indiana, exuded philanthropy and free enterprise. He was likened to a border collie, working the flock, rounding up strays, daring to key places to close up stragglers, and nudge everyone toward a goal. His demanding, yet endearing, behavior was for good. That was Kirby’s way. Kirby’s forthright character hummed in the undercurrent of his two occupations. His first career was compassion, and his second career was being the building of the battery company he cofounded in 1926 with $500 borrowed from his father. Today, Kirby Risk Corporation is a multimillion-dollar electrical products and services industry headquartered in Lafayette, Indiana, and led by Kirby’s son, Jim.

HEARTBEAT OF THE UNIVERSITY
125 Years of Purdue Bands
John Norberg with contributions by Kathy Matter
Hb, 978-1-55753-596-2 • $49.95

Celebrating 125 years of Purdue Bands, this beautifully-illustrated book (which includes a musical CD) traces the history of Purdue University’s Department of Bands from its humble origins as a drum unit for the student army training corps to the 2010 appearance of the “All-American Marching Band” as leader of the Macy’s Thanksgiving Day Parade in New York, seen by over fifty million television viewers. It follows the lives of the organization’s members and legendary directors, such as Paul Spotts Emrick and Al G. Wright, and highlights some of the band’s iconic features, such as the “World’s Largest Drum” and its legendary twirlers; the Golden Girl; the Girl in Black; the Silver Twins; and the Goldusters.

UNCLE
My Journey with John Purdue
Irena McCammon Scott
Pb, 978-1-55753-458-3 • $19.95

In the most comprehensive biographical study of John Purdue (c. 1802-1876) to date, Purdue’s great-great-grandniece describes her travels to the diverse places where Purdue had lived in order to learn about the mysterious relative known in her family as “Uncle”. Using fresh, unpublished source materials including Purdue’s personal correspondence, business ledgers, and the family oral histories—the author examines Purdue’s beginning among illiterate, immigrant, Pennsylvania mountain-hollow folks. Uncle challenges a commonly held belief that Purdue was an old-fashioned business mogul. Instead the author shows Purdue as a human being and as a generous family man with a visionary nature.

MIDAS OF THE WABASH
A Biography of John Purdue
Robert C. Kriebel
Pb, 978-1-55753-287-9 • $14.95

A biography of noted businessman John Purdue (1802-1876), whose donations of time and money led to the founding of Indiana’s land grant university-Purdue University-in 1869. Purdue also contributed to economically important bridge, railroad, and cemetery construction, the existence of Lafayette Savings Bank and the Battle Ground Collegiate Institute, cattle farming, Lafayette’s public school system, and countless other worthy enterprises. To date there has been no published full length study of Mr. Purdue’s life and work beyond casual street talk that portrayed Purdue as a difficult individual with whom to work.
Their life stories date to 1883 Purdue and involve their separate student experiences and eventual fame. Their lives crossed paths with U.S. First Lady Eleanor Roosevelt, Henry Ford, Amelia Earhart, and Wil Rogers among others. Gifts or ideas from Ross or Ade lead to creation of the Purdue Research Foundation, Purdue Airport, Ross Hills Park, and Ross Engineering Camp.

**LETTERS OF GEORGE ADE**
Terence Tobin (ed.)
Pb, 978-1-55753-147-6 • $19.95

George M. Cohan, William Howard Taft, Theodore Roosevelt, John T. McCutcheon, James Whitcomb Riley, Finley Peter Dunne, Hamlin Garland all received letters from the Hoosier humorist. This volume presents 182 of the most interesting and informative letters from the thousands of extant pieces of his correspondence in scores of collections scattered throughout the United States. The letters are arranged chronologically annotated with explanatory material and with sources. A foreword, introduction and Ade’s biography are included. Photographs, sketches, handwriting samples, and other illustrations which evoke the man and his times are interspersed with the text.

**DIVIDED PATHS, COMMON GROUND**
The Story of Mary Matthews and Lella Gaddis, Pioneering Purdue Women
Who Introduced Science into the Home
Angie Klink
Pb, 978-1-55753-591-7 • $16.95
E-book available, $9.99

In the early 1900s, Mary Matthews and Lella Gaddis forged trails for women at Purdue University and throughout Indiana. Mary was the first dean of the School of Home Economics. Lella was Indiana’s first state leader of Home Demonstration. In 1914, Mary hired Lella to organize Purdue’s new Home Economics Extension Service. According to those who knew them, Lella was a “sparkler” who traveled the state instructing rural women about nutrition, hygiene, safe water, childcare, and more.
CELEBRATING A CONTINUUM OF EXCELLENCE
Purdue University School of Veterinary Medicine 1959-2009
Purdue University School of Veterinary Medicine
Pb, 978-1-55753-543-6 • $39.95

Learn when: the first women graduated from the school; the Veterinary Technology Program was established; the Purdue Comparative Oncology Program was founded by the Veterinary Medicine faculty; the School offered DVM students choices for specialization, including small animal, large animal, and equine medicine. This book gives an insider’s view into the birth and growth of the Purdue University School of Veterinary Medicine.

AN ENDURING QUEST
The Story of Purdue Industrial Engineers
Ferdinand Leimkuhler
Pb, 978-1-55753-544-3 • $29.95

The process of industrialization that began over two hundred years ago is continuing to change the way people work and live, and doing it very rapidly, in places like China and India. At the forefront of this movement is the profession of industrial engineering that develops and applies the technology that drives industrialization. This book describes how industrial engineering evolved over the past two centuries. Developing methods and principles for the planning, design, and control of production and service systems, the story focuses on the growth of the discipline at Purdue University where it helped shape the university itself and made substantial contributions to the industrialization of America and the world. The story includes colorful and creative people like Frank and Lillian Gilbreth of “Cheaper by the Dozen” fame. Lillian was the first lady of American engineering as well a founder of Purdue’s Industrial Engineering.

ONE SMALL STEP
The History of Aerospace Engineering at Purdue University (Second Edition)
A. F. Grandt, J r., W. A. Gustafson, and L. T. Cargino
Hb, 978-1-55753-599-3 • $75.00

It is estimated that Purdue has awarded 6% of all BS degrees in aerospace engineering, and 7% of all PhDs in the United States during the past 65 years. The University’s alumni have led significant advances in research and development of aerospace technology, have headed major aerospace corporations and government agencies, and have established an amazing record for exploration of space. More than one third of all US manned space flights have had at least one crew member who was a Purdue engineering graduate (including the first and last men to step foot on the moon).

100 YEARS OF CHEMICAL ENGINEERING AT PURDUE UNIVERSITY
A Pictorial History, 1911-2011
Phillip C. Wankat and Cristina D. Farmus
Hb, 978-1-55753-621-1 • $30.00

This coffee-table style book uses more than 350 photographs and captions to tell the story of the first 100 years of the Purdue University School of Chemical Engineering.

AMERICAN AGRICULTURE
A Brief History, Revised Edition
R. Douglas Hurd
Pb, 978-1-55753-281-7 • $34.95

American Agriculture is a story of considerable achievement and success, but it is also a story of greed, racism, and violence. Hurd offers a provocative look at a history that has been shaped by the best and worst of human nature. Here is the background essential for understanding the complexity of American agricultural history, from the transition to commercial agriculture during the colonial period to the failure of government policy following World War II. Hurd includes the contributions of African Americans, Native Americans, and women. This revised edition closes with an examination of the troubled landscape at the turn of the twenty-first century.

BRIDGES AND MORE
Celebrating 125 Years of Civil Engineering at Purdue
Angie Klink
Hb, 978-1-55753-638-9 • $24.95

Bridges and More takes the reader from the early years of Civil Engineering when Purdue’s campus consisted of a smattering of red brick buildings surrounded by grassy meadows and roads flanked by white, wooden fences to today’s state-of-the-art facilities such as the Bowen Laboratory for Large-Scale Civil Engineering Research and the online hub for the Network for Earthquake Engineering Simulation (NEES). Bridges and More honors Purdue’s School of Civil Engineering with historic images and an appealing account of 125 years of education, research and a profession that is, as the title suggests, about so much more than bridges.
As the definitive identification guide to the shrubs and woody vines of Indiana, this book also provides coverage of 90% of the species to be found in surrounding Midwestern US states. As well as covering indigenous species, it also includes all currently known invasive shrubs. Written by two leading experts in plant taxonomy, the guide is prepared in the same attractive, easy-to-use format as the bestselling Native Trees of the Midwest. Descriptive text explains how to identify every species in any season, and original color photographs taken by Sally Weeks detail all important characteristics. The authors provide practical guidance concerning the potential ornamental value of each species for those interested in landscaping and also evaluate their potential value for encouraging wildlife. Designed for experts in natural resource management as well as the interested general public, the volume includes distribution maps, identification keys, and an index of both common and Latin names.

As a self-taught botanist, Charlie Weeks, Jr., and his wife, Beverly, have spent their lives collecting and documenting Indiana's native flora. Their comprehensive work, Possum in the Pawpaw Tree, is a seasonal guide to Midwestern gardening. Written by authors on the East and West coasts, Possum in the Pawpaw Tree is aimed at the heartland of the United States, where “normal” weather means bitter winters, torrential spring rains, and summer drought. Since such normal weather is assured, midwestern gardeners must be prepared for the unexpected. The material here is arranged to provide a handy month-by-month guide to indoor and outdoor gardening activities, both that focus on gardening problems and disasters peculiar to the Midwest.

From Pioneering to Persevering: Family Farming in Indiana to 1880
Paul Salstrom
Pb, 978-1-55753-453-8 • $19.95

Indiana's pioneers came to southern Indiana to turn the dream of an America based on family farming into a reality. The golden age prior to the Civil War led to a post-War preserving of the independent family farmer. Salstrom examines this "independence" and finds the label to be less than adequate. Hoosier farming was an inter-dependent activity leading to a society of borrowing and loaning. When people talk about supporting family farming, as Salstrom notes, the issue is a societal one with a greater population involved than just the farmers themselves.

Native Trees of the Midwest
Identification, Wildlife Values, & Landscaping Use
Sally S. Weeks, Harmon P. Weeks, Jr., and George R. Parker
Pb, 978-1-55753-572-6 • $45.00
E-book available, $22.99

Native Trees of the Midwest is a definitive guide to identifying trees in Indiana and surrounding states, written by three leading forestry experts. Descriptive text explains how to identify every species in any season and color photographs show all important characteristics. Not only does the book allow the user to identify trees and learn of their ecological and distributional attributes, but it also presents an evaluation of each species relative to its potential ornamental value for those interested in landscaping. Since tree species have diverse values to wildlife, an evaluation of wildlife uses is presented with a degree of detail available nowhere else. The revised and expanded second edition contains a chapter on introduced species that have become naturalized and invasive throughout the region. All accounts have been reviewed and modifications made when necessary to reflect changes in taxonomy, status, or wildlife uses. Keys have been modified to incorporate introduced species.

Hooiser Home Remedies
Van E. Tyler
Hb, 978-0-91119-77-5 • $10.95

With a sense of urgency, Dr. Tyler has collected and transcribed some 750 folk remedies still alive in the memories of more than 175 Hoosier-area correspondents. The pharmacologist, who has thirty years experience with natural-product remedies, fears these cures will soon be forgotten, since modern medicine usually writes them off as hoax, and those who practice them are becoming fewer and fewer. By suggesting further investigation of some remedies, warning readers against downright dangerous “cures,” and noting the constitutive ingredients of those proven effective, Tyler invites further illumination of this shady region between superstition and science while entertaining his reader with much fascinating medical lore.
FLIES IN THE FACE OF FASHION, MITES MAKE RIGHT, AND OTHER BUGDACIOUS TALES
Tom Turpin
Pb, 978-1-55753-417-0 • $11.95

If you want to get downright buggy, pick up this wonderful collection of insect tales from the “Bug Bowl” guru, Tom Turpin. After you’re through, you’ll know more about the six-legged kingdom and its occupants than any bookworm that you run across. How does insect suturing work? Which insect did the ancient Egyptians worship as a god? What did Ogden Nash have to say about termites? How does insect suturing produce “Turkey Red” dye? What bug has survived for 300 million years? How does a horse fly manage to fly without its head? Each tale is easily accessible, provides fun and scientific facts, and is self-contained. Juveniles and adults alike will be fascinated with the world of Turpin’s bugs. The nicely illustrated collection won’t give you ants in your pants, but just might put a flea in your ear.

A ROUND INDIANA
Round Barns in the Hoosier State
John T. Hanou
Pb, 978-1-55753-037-0 • $10.95

Of the 226 round barns that are known to have existed in Indiana, more than 100 have vanished from the landscape, thus depriving the state of beautiful landmarks and testimonials to the ingenuity of turn-of-the-century agriculture and architecture. The author’s admiration for the round barn’s grace and his concern for its survival is evident on every page as he traces its history from George Washington’s 1793 sixteen-sided barn to the development of the “Ideal Circular Barn” and associated patents to the demise of the structures in the second half of the twentieth century.

Indiana Canals
Paul Fatout
Pb, 978-0-91119-878-2 • $22.95

Beginning with the first Indiana canal effort in 1804, this narrative deals with the half century of canal agitation in the valleys of the Wabash and Whitewater rivers. The rising tide of enthusiasm for internal improvements reached flood stage in the mammoth system legislation of 1836, which provided for a network of canals throughout the state, and for several turnpikes and a few railroads as well.

Indiana Canals
By Paul Fatout

A CALL TO LEADERSHIP
The First Fifty Years of the Indiana Association of Public School Superintendents
Linda Dye Ellis
Pb, 978-1-55753-559-7 • $35.00

A Call to Leadership examines commonly accepted condemnations of public education and highlights the key role played by the Indiana Association of Public School Superintendents (IAPSS) in supporting its members’ tireless struggle for educational improvement and in correcting public misconceptions. While the book describes specific circumstances in Indiana, efforts at the state level reflect educational challenges throughout the United States, and this volume will be a valuable reference source for educational policy makers throughout North America.

ADVANCING THE CAUSE OF EDUCATION
A History of the Indiana State Teachers Association, 1854-2004
Indiana State Teachers Association
Hb, 978-1-55753-364-7 • $34.95

On Christmas Day in 1854, teachers and advocates of education came together to form the Indiana State Teachers Association. At that time, many Hoosiers did not embrace the concept of “free education,” instead believing that schools ought to be funded by those who were being educated. Immediately after ISTA’s founding, its members began their advocacy of education, especially free public education for all children. Over the next 150 years, members of the Association stood ready to advance the cause of education.

WHAT’S BUGGIN’ YOU NOW?
Tom Turpin
Pb, 978-1-55753-509-2 • $12.95

The author of Flies in the Face of Fashion, Mites Make Right, and Other Bugdacious Tales is back with more ditties on the insect kingdom. Find out about Aesop’s insects, Edgar Allan Poe’s Gold Bug, and Ogden Nash’s creepy crawlies. Dig up some facts on the Colorado and Japanese beetles, and cash in on the million dollar beetle. Head for cover, the Bombardier beetles are coming! If you’re in the dark, hook up with a firefly. Bugs have been around longer than your great-great-grandma—400 million years before to be somewhat exact. Insects strolled around with dinosaurs and kept on going even when the behemoths disappeared. What’s Buggin’ You Now? let’s you catch the bug without the jar!
AMISH SCHOOLS OF INDIANA

Faith in Education
Stephen Harroff
Pb, 978-1-55753-542-9 • $29.95

Amish Schools of Indiana studies the history of the Old Order Amish parochial school movement in Indiana from its beginnings in 1948 through the 2001-2002 school year. Included in the work are complete descriptions of buildings and grounds, as well as descriptive essays on the pupils and their teachers, the curriculum, the values that are taught, and the religious community that surrounds and supports the school. Readers are invited into the school at numerous points, to sit in on classes, school programs, and impromptu celebrations, as they read anecdotal accounts of real experiences.

WHERE THE SAINTS HAVE TROD

The Life of Helen Gougur
Robert C. Kriebel
Hb, 978-0-91119-873-7 • $29.95

Through newspaper accounts, public documents, and a talent for deduction, author Robert Kriebel places Helen Gougur against a background of local, state, and national history and draws a verbal portrait of this nineteenth century woman of amazing wit and determination who battled vicious social and political forces to eliminate problems, many of which continue to beset humanity in the twentieth century.

MY AMIABLE UNCLE

Recollections about Booth Tarkington
Susannah Mayberry
Hb, 978-0-91119-866-9 • $15.95

The author of this volume draws primarily upon her own personal experiences, family lore, and letters (some never published before) to portray her amiable uncle. She tells of the pleasure it gave him to entertain his young nephews and nieces at his Tudor-style winter home in Indianapolis — where they played a spirited form of charades. She recalls vacations which she, as a college student, spent at his light-filled summer home in Kennebunkport, Maine — where she met his famous neighbors. During all of those times, Uncle Booth was the keen observer of youth, who created Penrod and friends from his observations, and the teacher of youth, who transmitted his own love of art to his young relations.

UNLINCOLN'S CENSOR

Milo Hascall and Freedom of the Press in Civil War Indiana
David W. Bulla (ed.)
Pb, 978-1-55753-473-6 • $39.95

Lincoln's Censor examines the effect of government suppression on the Democratic press in Indiana during the spring of 1863. Indiana's Democratic newspaper editors were subject to Milo S. Hascall's General Order Number Nine, which proclaimed that all newspaper editors and public speakers that encouraged resistance to the draft or any other war measure would be treated as traitors. Brigadier General Hascall, commander of the District of Indiana, was amplifying General Order Number Thirty-eight of Major General Ambrose Everts Burnside, the commander of the Department of the Ohio.

GRAND DRAGON

D. C. Stephenson and the Ku Klux Klan in Indiana
M. William Lutholtz
Pb, 978-1-55753-046-2 • $19.95

The Ku Klux Klan reached its height in the 1920s, and nowhere was it as large and politically powerful as in Indiana, where about 30 percent of the native-born white male population were Klansmen. This book explores the career of D. C. Stephenson, grand dragon of the Indiana Klan, his rise to power, and his eventual conviction for second-degree murder in 1925. Grand Dragon traces Stephenson's background, still shrouded in mystery due to Stephenson's own colorful but imaginary accounts of his early years. A political opportunist, Stephenson's rise to power in the loan war was startlingly swift, but so was his fall from grace.

POETS, PAINTERS, PAUPERS, FOOLS

Indiana's Stein Family
Robert C. Kriebel
Pb, 978-1-55753-006-6 • $7.95

Robert C. Kriebel's sympathetic biography of the prominent nineteenth-century Lafayette family weaves the story of four fascinating individuals into the web of state and national history and culture. The family members include John A. Stein, the distinguished state politician who devoted years to the founding of Purdue University; the indomitable mother, Virginia, who pursued a career in the local library when left widowed and penniless; the talented, albeit dispensable, Orth Stein, who achieved prominence as a journalist and illustrator but was also tried for murder; and the sheltered Eavleen Stein, who achieved local fame as a poet and author of children's books.
ABOUT PURDUE UNIVERSITY PRESS

Founded in 1960, Purdue University Press is the academic publishing arm of Purdue University. It is a unit of Purdue University Libraries, and shares the library’s philosophy of opening access to scholarly resources as widely as possible to the citizens of Indiana and of providing a repository for information about the region. The regional studies titles included in this catalog are just one part of the Press’s publishing list. Every year, Press staff produce around 25 books and 15 journals, focused on various academic fields for which Purdue is famous. These include agriculture, aviation technology, engineering education, veterinary medicine, civil engineering and building construction management, as well as select fields in the humanities and social sciences. While some authors are experts from Purdue, most of the books and articles the Press publishes are written by scholars and enthusiasts from outside the university. We welcome new manuscripts and proposals, and details of how to submit these can be found at, www.thepress.purdue.edu.

JOURNAL OF PURDUE UNDERGRADUATE RESEARCH

The Journal of Purdue Undergraduate Research has been established to publish outstanding research papers written by Purdue undergraduates from all disciplines who have completed faculty-mentored research projects. The journal is run by students, but behind the scenes is a unique partnership between Purdue University Press and other departments of Purdue University Libraries, working with Purdue Marketing and Media and the Online Writing Lab, based in the Department of English. Publication of JPUR is sponsored by the Office of the Provost at Purdue University.

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