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SCIENCE NEWS

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Crumpling Noise

In geology, time is everything. And given enough time, almost anything can happen. *Northwest Exposures* traverses the Pacific Northwest through geologic time, chronicling the events that shaped its rocks and landforms.

The tale begins more than 2 billion years ago, when an ancient continent split, creating oceanfront property in what is now western Idaho. Pacific islands smashed into that coastline, making large parts of Washington and Oregon. These events were followed by monstrous volcanic eruptions, catastrophic ice age floods, and mountains rising to an accompaniment of earthquakes. Written in engaging prose and generously illustrated, *Northwest Exposures* is a must-read for anyone interested in the geologic history recorded in the landscape.

—from Mountain Press

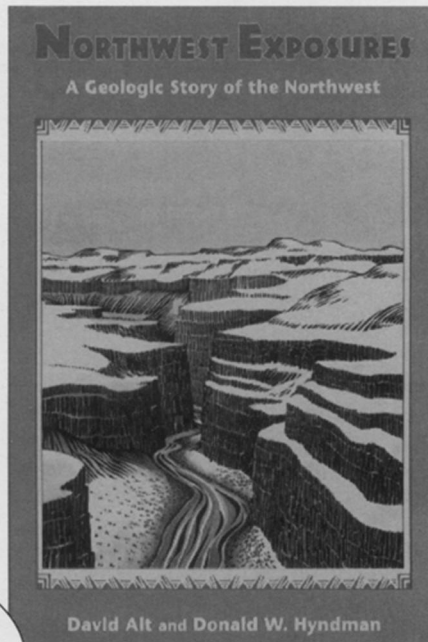
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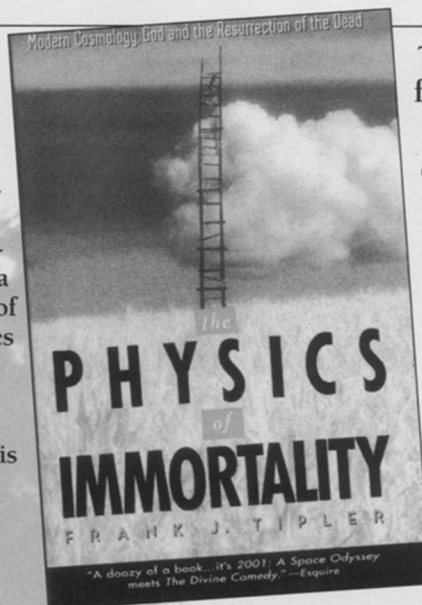
Can science irrefutably confirm the existence of God? Will physicists of the future be able to resurrect human life? In *The Physics of Immortality*, physicist Frank Tipler argues unequivocally, yes!

Like many modern scientists, Tipler, an expert in global general relativity, was an atheist who gave little thought to questions of theology. Yet in devising a mathematical model of the end of the universe, Tipler came to a stunning conclusion: Using the most advanced methods of modern physics, relying solely on the rigorous procedures of logic, he had found proof of the existence of God.

Tipler's model of the universal end-time is called the Omega Point Theory. For the past seventeen years, Tipler has explored the implications of the theory, one of which is even more astonishing than the evidence of God's existence: It is not only possible, but likely, that every human being who ever lived will be resurrected from the dead.

In *The Physics of Immortality*, Tipler guides the reader through the details of his exhilarating discoveries. Displaying an incredible command of disciplines as diverse as computer science, economics, particle physics, cosmology, and evolutionary biology, Tipler constructs a plausible argument for God and the universal resurrection. No reader, whether skeptic or believer, will look at the universe in the same way after encountering this masterful work.

—from Anchor Books



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"Cancer Free brings a welcome message of hope that we can reduce the risks of occurrence of certain major cancers. We can make a difference in our lives if we heed the forewarnings that this book provides. It is a most valuable guide to keep by your side." — Jonas Salk, M.D.

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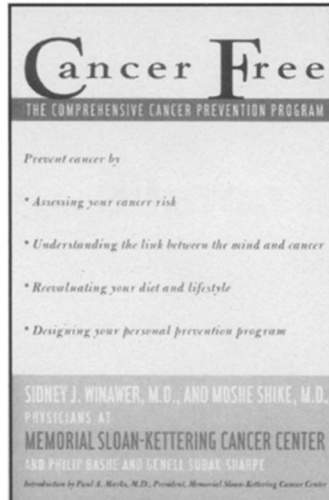
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Drawing upon their own expertise, and that of their colleagues at world-renowned Memorial Sloan-Kettering Cancer Center, the authors of *Cancer Free* show how best to combat the risks of your particular genetic legacy, health history and style of life.

In plain English, *Cancer Free* lays out the building blocks of an effective prevention program, summarizing the research evidence and outlining simple, easy-to-implement methods of assessing risk, optimizing diet, adopting a healthy lifestyle, reducing exposure to environmental carcinogens and harnessing the powers of the mind.

Next the authors show how to assemble a concrete plan for protecting against the most common cancers. Self-assessment charts allow you to shape a sensible and complete prevention plan. Detailed guidelines for and explanations of screening procedures for each cancer will help you to make the best use of medical resources. And the real-life experiences included in each chapter provide tips for making your program a daily practice and inspiration for keeping it that way.

At last — a guide that answers *all* your questions and concerns, and explains exactly what you can do to take control of your health, now and for the decades to come.
 — from Simon & Schuster

A recent survey found that 59 percent of Americans believe they'll get cancer someday. About half of them will turn out to be right. Wouldn't it be wonderful if we could reduce that number by half again? We can.

Bernard Dixon's highly praised *Power Unseen* reveals how every aspect of human society and every part of the natural world is affected, positively and negatively, by the activities of tiny, unseen microbes—bacteria, viruses, fungi, and protozoa. Through a series of 75 fascinating vignettes, the author successfully captures the astonishing variety and the immense power of the unseen microbial world.

Power Unseen reveals our debt to these unseen organisms, explaining how microbes:

- ♣ provide, in one way or another, all of our daily food and that of other animals
- ♣ are the original source of the world's oil supplies
- ♣ are integral to the processing of sewage disposal and the creation of safe drinking water
- ♣ bear most of the burden of breaking down dead animal and plant cells and recycling their elements
- ♣ deal with the incessant tides of toxic effluent generated by modern industrial communities

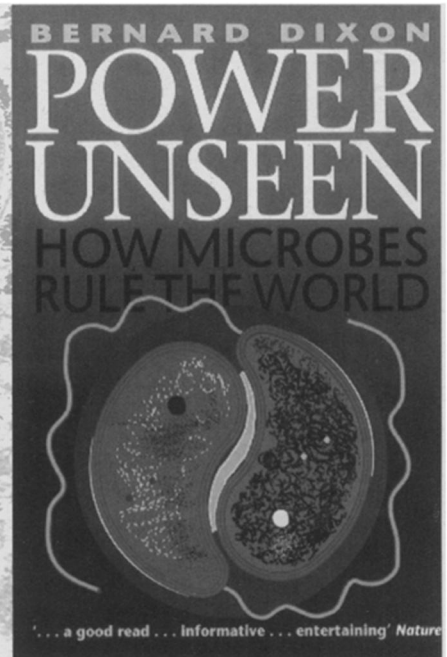
Microbes are also responsible for horrendous epidemics, including smallpox and the plagues of past centuries, the pandemics of cholera that continue today, and the AIDS crisis.

Power Unseen reveals the many ways in which microbes have fueled the spectacular growth of the biological sciences over the past half century. The biotechnology industry now uses microbes to synthesize many life-saving antibiotics and other beneficial products. Looking to the years ahead, Dixon predicts that microbes could be even more potent agents of change than they have been in the past.
 — from W.H. Freeman

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W.H. Freeman, 1994, 237 pages,
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