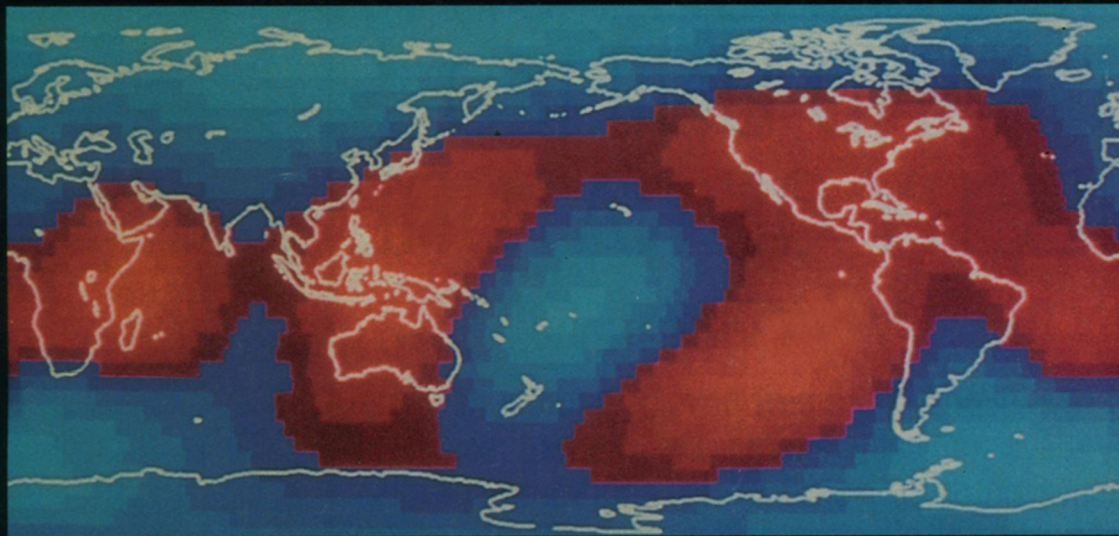


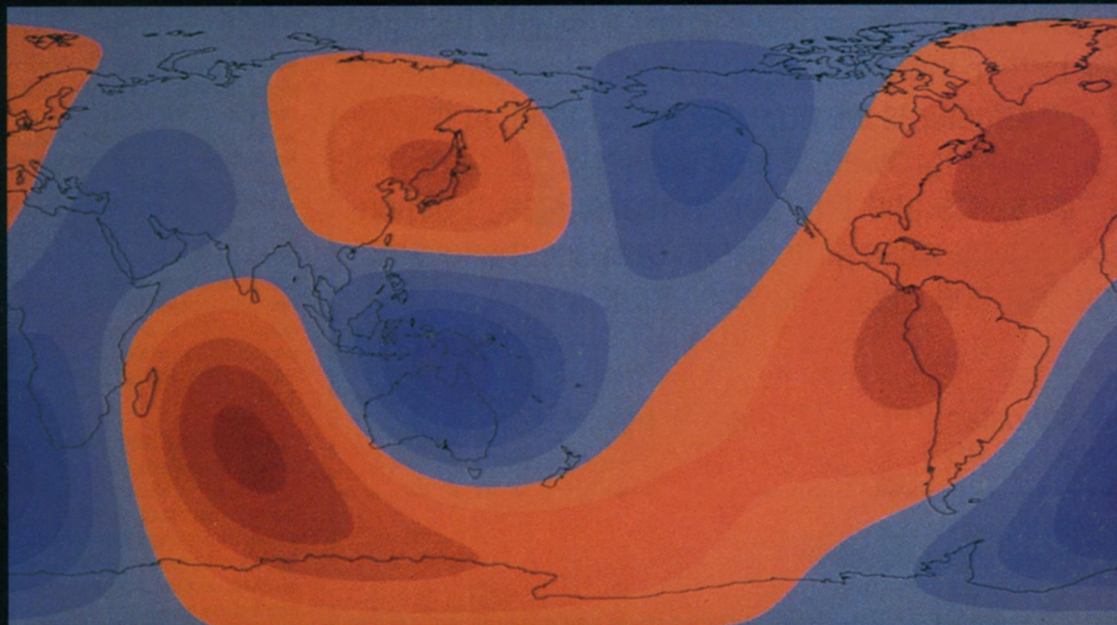
The Weekly Newsmagazine of Science

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July 5, 1986
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The Heart of the Earth



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Cover: These are the first maps of the earth's core made with seismic waves and computer-assisted tomography. Reddish areas indicate regions where seismic waves travel relatively slowly; in blue areas, they travel faster. The MIT geophysicists who made the top map, which depicts the outer core, think the data indicate structures at the core-mantle boundary. In another interpretation of the data, the Harvard researchers who made the bottom map place structures in the solid inner core. (Top map: Creager & Jordan; bottom map: Morelli & Dziewonski)
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SN's Miller awarded fellowship at Woods Hole

Julie Ann Miller, life sciences editor of SCIENCE NEWS, has been awarded a science writing fellowship from the Marine Biological Laboratory (MBL) in Woods Hole, Mass. Miller is one of six science writers spending eight weeks at MBL this summer. The journalists, the first group to be chosen for the new program, will take graduate-level summer courses, including work in various laboratories. In addition, the writers will themselves conduct seminars in "science and the media."

The MBL program, directed by James Shreeve, "is designed to improve public understanding of biology by giving working journalists a chance to closely observe the process of research, rather than simply report on its results," according to MBL. The journalist-conducted seminars, which are

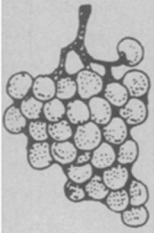
open to the public, represent an attempt "to improve understanding among scientists of the challenges facing those reporting scientific information to a popular audience."

Miller came to SCIENCE NEWS in 1976 after receiving a Ph.D. in neuroscience and an M.A. in journalism, both from the University of Wisconsin. Her writings have included numerous stories on marine biology; at MBL, she will concentrate on parasitology.

The other MBL Fellows are: B.D. Colen, science editor of Newsday; Philip J. Hilts, science writer at the Washington Post; Debora Olivia MacKenzie, freelance writer and European editor of NEW SCIENTIST magazine; Paul Raeburn, science editor at the Associated Press; and Jonathan Weiner, freelance science writer.



Julie Ann Miller

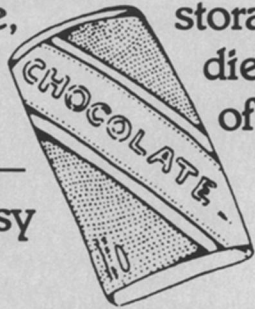


ON FOOD AND COOKING

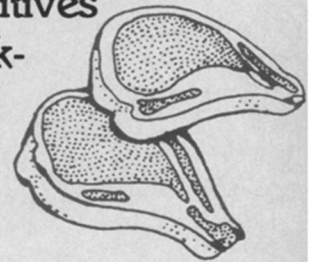
A unique blend of culinary lore and scientific explanation about food, written by Harold McGee.



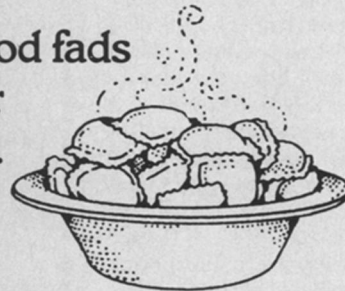
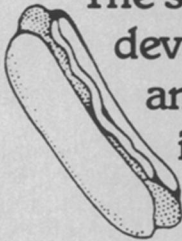
For the first course feast on ten chapters about food—
from milk to chocolate,
meat in the human
to the development
eness to hangovers—
and explode the fantasy



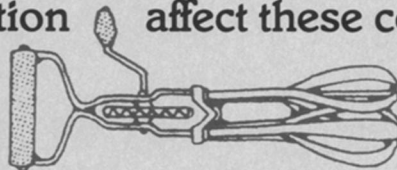
storage to spoilage, plants as foods to
diet, the trouble with additives
of sauces, through drunk-
that explain the facts
of food myths.



The second course offers two chapters
devoted to nutrition, digestion
and sensation—including food fads
in the United States, hunger
and thirst, taste and smell.



Enjoy a third course highlighted by water, fat, protein
and carbohydrates—the building blocks of all foods—including how
cooking and preparation affect these components and why
certain utensils



can leave you with
egg whites that wilt
or pancakes that puddle.



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