A LETTER FROM THE PUBLISHER

Putting together a TIME cover can produce a spirited clash of viewpoints among writers, editors, correspondents and reporter-researchers—one that ultimately serves to balance and enhance the finished story. Such was the case in dealing with the complex and controversial subject of psychic phenomena. Los Angeles Correspondent Richard Duncan was particularly open in his approach. One day at U.C.L.A., Duncan submitted himself to Kirlian photography, a process for measuring psychic energy. Although there were too few exposures to prove or disprove anything to his satisfaction, Duncan was interested to see that the developed film of his fingertips showed blotchy, whorled or spiky "coronas" that corresponded to his differing emotional states.

Senior Editor Leon Jaroff, on the other hand, brought rigorous scientific standards to his judgments on the story, and an admitted predisposition to skepticism. "Belief in these matters," he feels, "is less a function of intelligence than of psychological need." Although he firm-

ly believes that even such widespread phenomena as déjà vu and precognitive dreams will eventually yield to rational analysis, he cannot rationally explain why, three times in a row last week, his clock-radio failed to go off, making him late for work

Even more bizarre was the mysterious force that glitched TIME's complex, computerized copy-processing system on closing night -at almost the precise moment that our psychicphenomena story was fed into it. Against astronomical odds, both of the ma-



in effect swallowed the entire cover story; it developed a flaw in its programming that sent the copy circling endlessly through memory loops from which it could not be retrieved. Thirteen hours and a second expert exorcism later, the IBM 370/135 snapped out of its trance and grudgingly returned the finished story to us.

Associate Editor Stefan Kanfer, who wrote the cover story, managed to remain free of psychic interruption last week. "I got into this topic," he says, "through the back door—some would say front door of magic and mentalism. There are many tricks with which one can duplicate paranormal phenomena." Indeed, Amateur Magician Kanfer astounded numerous TIME staffers last week by seeming to guess correctly, over the telephone, cards that had been pulled from a deck in Jaroff's office—which is one floor below Kanfer's.



Cover Story65 Color67	Economy & Business 75	Music55
Art56 Behavior65 Books82 Cinema62	Energy22 Law86 Letters4 Medicine60 Milestones59	Nation10 People40 Press42 Religion50 Science74 World25

The Cover: Graficolor illustration by Howard Sochurek.

blished weekly, \$14.00 per year, by Time Inc., 541 N. Fairbanks Court, Chicago, Ill. on the Inc., 541 N. Fairbanks Court, Chicago, Ill. on Time Inc., 541 N. Fairbanks Court, Chicago, Ill. on Time Inc., 10020. James R. Shepley, President, Cliffing offices, Vol. 103 No. 9 1974 Time Inc. All rights reserved. Reproduction in



Founders: BRITON HADDEN 1898-1929 HENRY R. LUCE 1898-1967

Editor-in-Chief: Hedley Donovan Chairman of the Board: Andrew Heiskell President: James R. Shepley irman Executive Committee: James A. Linen Group Vice President, Magazines: Arthur W. Keylor Vice Chairman: Roy E. Larsen

MANAGING EDITOR lenry Anatole Grunwale ASSISTANT MANAGING EDITORS

Murray J. Gart, Edward L. Jamieson, Richard M. Seamon

SENIOR EDITORS: Laurence I. Barrett, Ruth Brine, John T. Elson, Timothy Foote, Otto Friedrich, Leon Jaroff, Ronald P. Kriss, Marshall Loeb, Jason Mc-Manus, Donald Neff.

Diplomatic Editor: Jerrold L. Schecter International Editor: R. Edward Jackson European Editor: Jesse L. Birnbaum. Associate: Curtis Prendergast.

ASSOCIATE EDITORS: James Atwater, William Bender, Clell Bryant, Gilbert Cant, George J. Church, Gerald Clarke, Jay Cocks, Spencer Davidson, William R. Doerner, Martha M. Duffy, Jose M. Ferrer III, Frederic Golden, James, Grant, Philip Herrera, Robert Hughes, Geoffrey James, Timothy M. James, Lance Morrow, Burton Pines, R.Z. Sheppard, William E. Smith, Peter Stoler, Edwin G. Warner.

CONTRIBUTING EDITORS: Christopher P. Andersen, Alan H. Richard Bernstein, Patricia Blake, Joan Downs, Judy Fayard, Neil D. Gluckin, Paul Gray, Marguerite Johnson, Bob McCabe, Gina Mallet, Donald M. Morvishniak, Ivan Webster, Jack E. White, Rager Wolmuth.

REPORTER-RESEARCHERS: Marylois Purdy Vega (Chief), Nancy I. William

(Deputy)

Deputy)

Deputy

Deputy)

Dep

Zadikov.

Susan Altchek, Sarah Bedell, Sarah Button, Andrea Chambers, Diana Crosbie, Rosamond Draper, Robert L. Goldstein, Georgia Harbison, Amanda Maclere, Victoria Rainert, Susan M. Reed, Alexandra Henderson Rich, Jay Rosenstein, Bonita Siverd, Anna Sosnowski, Zona Sparks, Mary Themo, Cassie Viewe Wilson, Paul A. Witteman, Linda Young.

CORRESPONDENTS, Marray J. Cast/Chi. A. S.

Thompson, Edward Tivnan, Jean M., Vallely, Susanne S., Washburn, Gassie view Wilson, Paul A. Witteman, Linda Young.

CORRESPONDENTS: Murray J. Gart (Chief), Benjamin W. Cafe (Deputy)

Senior Correspondent: John L. Steele

Washington: Hugh Sidey, John F. Stacks, Bonnie Angelo, David Beckwiliak

Washington: Hugh Sidey, John F. Stacks, Bonnie Angelo, David Beckwiliak

Kane, Neil MacNer, Hays Gorey, Jerry Hannifin, Samuel R. Iker, Joseph J.

vid Wood, Richard Woodbury, Los Angeless Richard L. Burnet Seaman, David DeVoss, Roland Flamini, Leo Janos, John L. Willkelm, Nard Vark

James Bell, David C. Lee, Bosson: Sander W. Ostlinger, James Bell, David C. Lee, Bosson: Sandrad Burton, Elizabeth Frappollo, Ruh

Europe: William Rademaekers, David B. Tinning, Robert Parker. London: John

Byron. Brussels: Henry Muller, Rome: Jordon Bortent Parker. London: John

Byron. Brussels: Henry Muller, Rome: Jordon Bonton. Jerusalem: William

David Akmar, Bing W. Wong, Saigon: Gavin Scott, Parkers: Roger Beardwood, F. Marmon Jr., Marlin Levin, Eastern Europe: Strobe Tolbott. Beirut: Karsten

Lames Shepherd. Tokyo: Herman Nickel S. Ander, Frank Iwama. Melbourner.

James Shepherd. Tokyo: Herman Nickel S. Ander, Frank Iwama. Melbourner.

John Scott, Lawrence Makin, William McComposer Strobe Tolbott. Beirut: Karsten

London Jr., Marlin Levin, Eastern Europe: Strobe Tolbott. Beirut: Karsten

London Jr., Marlin Levin, Eastern Europe: Strobe Tolbott. Beirut: Karsten

London Jr., Marlin Levin, Eastern Europe: Strobe Tolbott. Beirut: Karsten

London Jr., Marlin Levin, Eastern Europe: Strobe Tolbott. Beirut: Karsten

London Jr., Marlin Levin, Eastern Europe: Strobe Tolbott. Beirut: Karsten

London Jr., Marlin Levin, Eastern Europe: Strobe Tolbott. Beirut: Karsten

London Jr., Marlin Levin, Eastern Europe: Strobe Tolbott. Beirut: Karsten

London Jr., Marlin Levin, Eastern Europe: Strobe Tolbott. Beirut: Karsten

London Jr., Marlin Levin, Eastern Europe: Strobe Tolbott. Beirut: Karsten

London Jr., Marlin Levin, Eastern Europe: Strobe Tolbott. Bei

OPERATIONS MANAGER: Eugene F. Coyle; Mary Ellen Simon (Deputy) PRODUCTIONS MANAGER: Eugene F. Coyle; Mary Ellen Simon (Deputy)
uty); Manuel Delgado, Agustin Lamboy, Austin Metze, Leonard Schulman.
ART DEPARTMENT: David Macrill Lynd Jr.
Cazeneyve

Computer Composition: Robert W. Boyd Jr.

ART DEPARTMENT: David Merrill (Acting Art Director), Arturo Cazeneuve (Assistant Art Director), Rosemary L. Frank (Covers). Layout Staff: Burjor Nar-Maps and Charts: Jere Donovan, John Adrianne Jucius, Isabel Lenkiewicz.

PHOTOGRAPHY: John Dursick (Br. 1988). Photography (Color Educed)

Adrianne Jucius, Isabel Lenkiewicz.

PHOTOGRAPHY: John Durniak (Picture Editor): Arnold H. Drapkin (Color Editor): Michele Stephenson (Assistant Picture Editor): Picture Researchers: Evergillo, Rita Quinn, Suzanne Richie, Carol Saner, Nancy L. Smith, Elizabeth COPY DECK.

COPY DESK: Harriet Bachman (Chief). Frances Bander, Madeline Butler, And EDITORIAL SERVICES: Paul Walsh (District Mitchell, Shirley Zimmerman. EDITORIAL SERVICES: Paul Welch (Director), Norman Airey, George Kar^{os,} Benjamin Lightman, Doris O'Neil, Carolyn R. Pappas.

Ralph P. Davidson General Manager: Donald J. Barr
Assistant Publisher: Lane Fortinberry Assistant Publisher: Lane Portinberry
Circulation Director: George S. Wiedemann III
Business Manager: Donald L. Spurdle ADVERTISING SALES DIRECTOR

Robert C. Barr
U.S. Advertising Sales Director: Garey T. Symington
Associate U.S. Advertising Sales Director: Kenneth E. Clarke



Family portrait: left to right, Orville Dean McCulley; Leo McCulley, Jr.; Leo McCulley, Sr.; Mrs. Leo McCulley, Sr.; Larry McCulley; Dale McCulley.

W. Cote (Deputy)

ngelo, David Bedwith

ss Cook, Simmons Fen

ss Cook, Simmons Fen

loseph

It's All in the Family!

Six McCulleys took the Dale Carnegie Course... each received widely different benefits.

The McCulleys of Phoenix, Arizona, work together at family owned L&M Aircraft Welding and Machining, Inc., as well as sharing much of their leisure time. They all took the Dale Carnegie Course and, while they benefited in many similar ways, each also gained different personal rewards.

LEO McCULLEY, SR. took the Course first. "As company President, I wanted to learn how to better motivate my employees and enthuse them about their jobs. The Course helped me understand others and improve our relationships. I get along better with everyone—employees and family, too. I got much more out of the Course than I expected. After I took the Course I recommended it to my sons."

LEO McCULLEY, JR. is Vice President. "I'm active in church work and through the Course I improved my ability to work with groups and to lead discussions. By following Carnegie principles, I can participate more effectively."

LARRY McCULLEY, Production Control Manager, found the Course valuable at home and on the job. "I learned to appreciate my wife's problems and this has drawn us closer together. At work, I can present my ideas more effectively, and get a lot more done.'

DALE McCULLEY, Chief Engineer, needed help in basic sales techniques. "I talk to people much more easily since I learned how in the Course. I even listen better, and that's important in selling. I also learned to use my time more efficiently."

MRS. LEO McCULLEY, SR., Secretary and Treasurer, says she gained more self-confidence in the Course. "I took it when I saw what it did for my sons and my husband. I wish I had taken it sooner. I really enjoyed it. I feel I'm a better wife and mother because I understand my children's viewpoints."

ORVILLE DEAN McCULLEY was made Company Manager just after taking the Course. "I was too tense and the Course showed me how to relax even under pressure. I stopped worrying, gained self-reliance and enjoy my work much more."

When one member of a family takes the Dale Carnegie Course, he often recommends it to the others. Each individual gains in his own personal way through developing and expanding his capabilities for greater confidence, self-expression and getting along better with people. You can't be very far from the Dale Carnegie Course. It's offered in more than 1,000 U.S. communities each year. Write for information.



MereMari.com
Vintue Magajines for Special Purple
TE

MARS ARNOLD
4811 P-11

P PTB11A92755 5 OLD GIMPL TT ST MN 55804

2

®