

## WINDS OF CHANGE

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*Sun-melted snow. . .  
With my stick  
I guide this great  
Dangerous river  
—Issa*

Unparalleled changes swirling around us in the world of science both comprise and reveal paradigm shifts ranging from microcosmic to pervasive. This issue of our Journal exemplifies these changes in several ways. “Love,” for example, has largely been excluded from scientific study until recently, as is the case of “mind” in behavioristic psychology, and of “spirit” in materialistic medicine. Judith Green and Robert Shellenberger, in “The Subtle Energy of Love,” enhance our understanding of the “workarounds” used by scientists in the past to bring this epochal topic into the scientific literature. We are then animated into a headlong plunge into open and direct consideration of the topic with an ease and grace that makes us wonder what was so difficult about examining it before. It is precisely the ease with which it is possible to *move beyond* the limits of the past that betrays the impact of the sweeping change in *Zeitgeist* creeping up on us. At every turn, even in the most conservative of sources, we see spreading awareness and paradigmatic change, together with a new courage among scientists to say it as it is, to make even the previously esoteric now “grist for the mill.”

These flowing changes in the scientific literature are paralleled by changes that we who are clinicians see in the belief structures and reports on daily events of those we treat. It was usually with some trepidation that a client or patient

of 20 or even 10 years ago would talk of “past life experiences” or, during bouts of anger, of causing damage without direct contact to much of the electrical equipment in their environment. Discussion of such nonlocal events not so long ago would have raised real consideration by mental health professionals of the possible presence of psychosis; today such events merely seem specific practical life examples of the nonlocal interconnectedness that physicists are considering in theory and experiment.

**T**ake the extended exploration of “interconnectedness” in Perspectives, “The Science of Connectiveness,” that will appear in three issues of Volume 4 of this Journal. We must admire the tenacity of William Gough and Robert Shacklett in their penetrating theoretical and practical consideration of how Mind may articulate with Matter to produce effects, a topic of great interest to us as a group. Here we are moving beyond mere recognition that such effects are possible and can be observed, to a consideration of the mechanisms and means *by which* they may occur. Their theory has continued to unfold like a living organism from its first presentation to, and positive reception by, our group at the first annual ISSSEEM conference in Boulder, Colorado. We must applaud the diligence and efficiency of these scientists as they boldly press their ideas to the limit for us in this and upcoming issues, and for providing us a map of previously uncharted territories together with the challenge to follow, or the stimulus to build upon their work.

Speaking of interconnectedness, Dean Radin once again graces our pages with an experimental study of mind-matter interaction. His paper, “Environmental Modulation and Statistical Equilibrium in Mind-Matter Interaction,” represents another in his series of creative, paradigm-establishing investigations of mind-matter relations. Particularly interesting is his exploration of a possible physical equilibrium principle that compensates for transient mind-matter interaction events. Data surrounding mind-matter interactions may show statistical “rebound” subsequent to such events, thus potentially masking detection of the initial interaction, while maintaining overall system equilibrium.

Finally, Michael Levin in “Current and Potential Applications of Bioelectromagnetics in Medicine,” has provided us with a brief review and a useful bibliographic tool for pursuing the topic of electromagnetics and medicine. He has actually compiled a 100+ page bibliography of professional

scientific journal articles related to all aspects of endogenous and applied electromagnetic fields and radiations. Here we can see startling growth in the fledgling application of physics in medicine, supplementing medicine's love affair with chemistry.

And so how to deal with the uncompromising, overwhelming, refreshing and liberating sea of change swirling around us? Perhaps here an admonition from Zen can be a balm to our beleaguered, all-but submerged attentional processes:

*Float like a cloud, flow like water.*

Cover Art comments by Jean Deemer

### SPIRIT WALL

As this piece progressed I felt it was about one of the ancient sacred places of the earth. As I tore and peeled the paper it seemed to resemble a figure—earth spirit, my spirit or both?

The Earth Forms series is about natural forms, the ancient origin of the earth—the passage of time. They show the effect of natural forces, something new being formed from the shattered remnants of the past, uniting past and present.

The series began at a time of personal loss and separations and as I worked the realization came that I was not only tearing paper to reveal the surface beneath, but also digging into my own inner core—examining—rediscovering inner strengths and that I am part of the whole. What began as a division of paper has now become an “honoring” of what lies below the surface, a mending of all the fragments of life, layering life experiences as nature layers time—becoming part of the whole. The work has been a healing force for me and with that came the realization that in order to be a part of healing the earth, I first had to heal myself.

It is an ongoing process.

