

UNIVERSITY OF WASHINGTON  
SEATTLE, WASHINGTON 98195

School of Medicine  
Department of Anesthesiology, RN-10

1) Analogy - energy flow  
& info flow  
2) Federberg - lecture. Is this crazy  
3) Wilson - Societies  
great commercial success.  
Could this be?  
Telephone: (206) 543-2872  
4078

January 31, 1979

Mr. Dawes  
Institute for Scientific Information  
325 Chestnut Street  
Philadelphia, Pennsylvania 19106

Dear Mr. Dawes:

The enclosed reprint\* amounts to a resume of the book I want to write. I am a biologist who makes his living mainly by doing anesthesiological research. As an indication of my field of competence, I may mention that I have published two books on the mechanism of the larynx. These break a lot of new ground and one of them was described as a classic by a reviewer. I have organized five international scientific research conferences, and edited the published proceedings volumes, on 1) Neurophysiology of Anesthesia 2) Toxicity of Anesthetics 3) Cellular Biology and Toxicity of Anesthetics 4) Molecular Mechanisms of Anesthesia. My second international conference on Molecular Mechanisms of Anesthesia will take place in June and will also be published. It is also germane to mention that I am the Secretary of the International Association for the Study of Pain and am active in the American Pain Society, since these reflect my proclivities as a practising physician.

The theme of my book sees the universe as a manifestation of the flow of energy and information. With an improved understanding of the larynx, it is apparent to me that this organ is the mechanical bottleneck of energy flow and information flow in the human organism. In the reprinted lecture I briefly indicated how it got that way. Not mentioned for lack of time was the remarkable economy of the conversion of energy to information in the eukaryotic genetic apparatus, and the equally remarkable economy of conversion of energy to information in the human voice, especially the human larynx. Admittedly these matters are semi-philosophical but I believe there is a

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*where*  
wide potential public for the lively, well-informed, yet imaginative and thought provoking book I want to write. I feel it is my responsibility to write it, and I am fortunate in having the kind of departmental chairman who would support a commitment to do so.

The reason for seeking some kind of arrangement with ISI is that I operate best under the pressures of a deadline.

Sincerely yours,

*B. Raymond Fink*

B. Raymond Fink, M.D.  
Professor

BRF:gb  
Enclosures

P.S. I also enclose a copy of my C.V.

\* My article is apparently the first one to see that organic evolution, including the evolution of the vertebrates and man, illustrate a continuous evolution of energy flow in the biosphere allied to a continuous evolution of information flow. ?