

4. Is the research design adequate?
I believe that it is, especially in view of the fact that it permits modification in the light of obtained results as they go along.
5. Are the research goals stated in the proposal possible of fulfillment?
The research goals are concrete and should be capable of fulfillment.
6. Is this task appropriate for inclusion in a program of basic research?
The proposal concerns basic modes of perceiving space and contains a design for evaluating their interrelations in a quantitative way. It is therefore basic research.
7. Are there other research efforts which relate to, complement, or duplicate the work here proposed?

As stated in 1, above, it complements and carries much further cross-modality interrelations which others have investigated, the latest being Stevens and his coworkers. However, the concept and design proposed here are original and fruitful in quite new directions.

8. Are there other agencies which you consider to be more appropriate sources for support of this proposal?

With its emphasis on space perception I believe the Air Force is the best supporting agency that could be chosen for this research. I can see many practical as well as theoretical implications from this work.

9. What is the scientific reputation of the principal investigator?
It is very good indeed. I have been impressed by the quality of Dr. Davidon's work from what I have read in the journals. He is a thorough scientist and has the necessary knowledge and skills to carry on a project of the type described here.

10. Do you consider the resources available to the principal investigator (laboratory, equipment, personnel, special services, etc.) adequate as augmented by additions included in this proposal?

The Psychological Laboratory at Bryn Mawr College has excellent facilities, both material and personal, for carrying on this research. Professor Michels, chairman of the Physics Department of Bryn Mawr College, has done a considerable amount of research in psychophysics and there is an instrument maker and machine shop there.

11. What is your estimate of the importance of undertaking this work?
A₁X It is an essential effort necessary to develop knowledge in a scientific field of importance to biosciences.

A₂ It is important work in an area where no "breakthrough" but a steady advance can be anticipated.

X (It might provide a breakthrough in space perception)

A₃ It is a useful effort which should be supported as far as available resources permit.

B₁ This proposal is more appropriate for support by an agency other than the Air Force ———.

B₂ This proposal does not merit serious consideration.

12. Remarks: I am very much impressed by this proposal. It is original, sound, and full of implications both theoretical and practical. It is extremely well conceived and should pay off in concrete findings. I believe it is germane to the Air Force and should be supported. Dr. Davidon is an excellent experimentalist and possesses the ability and training to handle this problem. In addition the material resources at Bryn Mawr College are excellent and other personnel are available there for consultation if desired. All in all I rate this proposal very high indeed.

Dr. HUTCHINSON. Now, this review I think is an extremely favorable one.

We had four other men review this from other institutions and came out almost identical.

This happened to be the top review on this one. And it certainly seemed a very adequate sample of the recommendations we got for this particular task.

Mr. HARDY. Dr. Helson then reviewed the proposal?

Dr. HUTCHINSON. That is correct.

Mr. HARDY. And then recommended that it be done.