

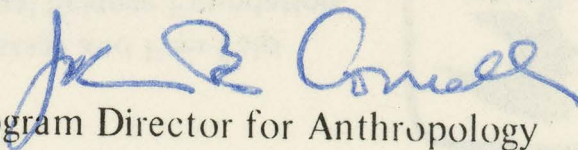
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NATIONAL SCIENCE FOUNDATION
DIVISION OF SOCIAL SCIENCES
Washington, D.C. 20550

MAY 19 1972

Thank you for the evaluation you prepared in response to our request for assistance in the review of proposals. The periodic grants lists of the Division show all awards. Any proposal that is not on the next few lists you receive can be assumed to have been either withdrawn or declined.

We fully realize the time and effort these reviews require and we very much appreciate your help in this essential task. We hope that we may continue to call on you for advice and guidance to the Foundation.


Program Director for Anthropology

JOHN B. CORNELL

National Science Foundation
Washington, D.C. 20550

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NATIONAL SCIENCE FOUNDATION
PROPOSAL RATING SHEET

Reviewer Don E. Crabtree

Proposal No.: P2 S0544-A
Investigator: Joel L. Shiner
Institution: Southern Methodist U
Please return to:
If possible by:

Comments (Continue on additional sheet if necessary)

Proposal P2 S0544-A requesting a grant to support an investigation of Wear Patterns and Tool Use has great scientific merit. Function is a much neglected part of lithic technology and the experimental methods suggested by Dr. Joel Shiner should clarify many functional misconceptions. Semenov's "Prehistoric Technology" is about the only publication covering functional analysis. True it is a great contribution to the profession and emphasized the importance of relating function to typeology - however, his conclusions are not based on experiment and both Francois Bordes and I find many inaccuracies in some of his statements. Since the publication of this book in 1964, many of these conclusions have been accepted as fact and it is time to prove or disprove some of his theories.

I have followed Dr. Joel Shiner's work for many years and feel he has all the qualifications necessary to complete this project. He is skilled in both lapidary and flintknapping work and is a conscientious analyst. It goes without saying that he is a highly respected anthropologist. And, equally important, he is cognizant of the importance of publishing his findings in comprehensive detail.

I agree with his approach to functional analysis and note he has included all tool types including flakes and blades. I would, however, suggest that his functional experiments with scrapers be more diversified. The word "scraper" has long been a misnomer in lithic technology and typeology. Scrapers can be made with a sharp cutting edge and, as a toolmaker, I find they can be used for cutting and for adz work as well as diverse functions. ~~Therefore~~. Therefore, I would suggest examining the wear patterns produced by functions other than scraping.

I do question the salaries of the principal investigator and the students. Dr. Shiner does not explain in the proposal how much time he will allot to this project. Will he give half time or full time and will he also receive full salary from S.M.U.? I think this needs clarification. If he is on full salary from S.M.U. then, presumably, his first obligation would be to that institution in which case I feel the projected salary figure is too high. I do not agree with the figure of \$400.00 a month for the students. Using I.S.U.'s requests for graduate student salaries as a

OVERALL RATING

- EXCELLENT
- VERY GOOD
- GOOD
- FAIR
- POOR

Signature of Reviewer:

Date:

Other suggested reviewers (optional):

Ce 24/10.2

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Investigator: Joel Shiner
Institution: Southern Methodist U

Comments:

criteria, this figure seems excessive. We have found that when student salaries are too high, applications for the positions will be motivated by monetary gain rather than a sincere desire to contribute to research. I am sure you have more details on this financial request, but it does pose a question with me.

I consider this a legitimate and worthwhile project by a man highly qualified to produce results and I am happy to endorse the proposal. The results will be invaluable to all those interested in lithic technology and typeology.

cc 2.4/1/63