

care must be observed to avoid considering solutions before first becoming fully appraised of the nature and extent of the problem.

You ask what my experience has been in obtaining collaboration and assistance from Government laboratories which have scientific and technical skills applicable to forensic analysis.

Since, initially, the efforts of the laboratory were concentrated on the exploration of the capabilities of Georgetown University and those of private and local government facilities and talent, it has been only relatively recently that investigation of the Federal Government's scientific capabilities has been undertaken.

Those contacts which have been effected with Federal agencies have been very fruitful. The National Aeronautics and Space Administration has been engaged in highly advanced studies in instrument analyses for moon and planetary surface investigations which have special importance for the analysis of particulate evidence on the mother planet.

NASA-Goddard Space Flight Center scientists of the Laboratory for Theoretical Studies there also have been doing some very significant work in the area of experimental design development and evaluation and the development of mathematical procedures to correct for machine and transmission induced degradation of analytical data. Also, their work in X-ray fluorescence and other analytical procedures have been very interesting. Further, work at NASA-Goddard in telemetry of instrument readout and its significance in terms of the needs of police investigating officers at the crime scene show exciting possibilities to farseeing people in police work.

However, NASA-Goddard cannot spend from its budget any funds to develop these obvious potential breakthroughs in crime control. Georgetown can afford it with its Ford funds to supply only a tiny portion of the total funds needed to develop the promise of this work into actual hardware and know-how for police.

Explorations by the Forensic Sciences Laboratory at the Harry Diamond Ordnance Laboratory, the Armed Forces Institute of Pathology, and other Federal scientific facilities as well as many private laboratory facilities have resulted in much assistance and encouragement during the discussions which have taken place.

However, discussion does not produce hardware. Nor does it educate and train police laboratory experts in its use.

In my investigations so far, I have yet to find any Federal laboratory facility, and I must interject at this point that I have just begun this phase, I have yet to come upon a facility which had funds it could commit to the work necessary to develop the promise of work already done so that it would be useful as a police aid or a police crime laboratory aid. Unfettered funds in significant amounts at the disposal of the directors of Federal laboratory facilities may help matters. But I am not at all certain that they will in view of the mission orientation which is so evident in the Federal Government establishments as reflected in the testimony of others who have preceded me here, and in view of the almost total lack of awareness throughout the American community, public and private sectors alike, that there is such a thing as scientific crime detection and control as a legitimate area for research effort and support.