SUMMARY RESUMÉ

Raymond N. Rogers was born 21 July 1927 in Albuquerque, NM. He was group leader of an explosives research-and-development group at the University of California, Los Alamos National Laboratory, was elected Laboratory Fellow in 1981, and retired in 1988. He was appointed Director of Chemical Research for the Shroud of Turin Research Project in 1978, applying thermal methods to the study of the relic. He served on the Department of the Air Force Scientific Advisory Board from 1987 until 1992 with the equivalent rank of Lt. General.

Major research interests were explosives safety, super-energy explosives, low-intensity conflict (non-violent war), energy resources, applications of chemical methods (primarily thermal) to the study of archaeological samples, and application of chemical science to intelligence operations. A short summary of his work on explosives safety can be found at the following web site: (Link no longer available).

He has published popular articles on dogs and firearms as well as papers on chemistry, archaeology/anthropology, soil science, and energy. He has served as an expert witness on several legal actions.

RESUMÉ
RAYMOND N. ROGERS

Born: 21 July 1927, Albuquerque, NM.

Laboratory Fellow (Ret.), University of California, Los Alamos National Laboratory, 1981-2005

Past Positions:

- Retired Fellow, research on super-energy explosives, low-intensity conflict, and explosives safety (1988 - present).
- Fellow, Top Secret, QN, CIA, SI/TK/Gamma, and CSI research on intelligence problems (1985 - 1988).
- Fellow, Top Secret and CSI research on conventional weapons, unconventional weapons, low intensity conflict, fuel-air explosives (FAE), fuel-water explosives (FWE), super-energy explosives, shaped charges (1982 - 1985).
- Fellow, basic research on explosives, explosives safety, and synthetic fuels (1980 - 1982).
- Group Leader, Los Alamos National Laboratory, Explosives research and Development. Personal research on explosives safety and synthetic fuels (6/74 - 10/80). QN, TS, and CIA clearances.
- Chairman, Los Alamos National Laboratory, Explosives Development Committee (1974-1988). Helped write DoE Explosives Safety Manual.
- Sabbatical. Research on chemistry of deposits and artifacts of interest in archaeology and geochronology, University of Arizona (1967 - 1968).
- Alternate Group Leader, Los Alamos National Laboratory, Explosives R&D (5/66 - 6/74). QN clearance.

- Section Leader, Los Alamos National Laboratory, Explosives R&D, Analysis and Stability. Personal research on chemical analysis and explosives safety (5/61 - 5/66).
- Staff Member, Los Alamos Scientific Laboratory (4/52 - 5/61). Q and Secret NSI clearances.
- Research Chemist (water and industrial waste treatment), Infilco Inc., Tucson, AZ (1950 - 1952).
- Research Fellow, Arizona State Agricultural Experiment Station, Tucson, AZ (1948 - 1950).

Education:

University of Arizona, Tucson, AZ

MS, 1950, Chemistry

BS, 1948, Chemistry

Honors:

- Editor, Thermochimica Acta, 1970 to 1988.
- American Chemical Society, Tour Speaker, 1971.
- Los Alamos National Laboratory, Fellow, 1981 to present.
- Editor, J. Energetic Materials, 1983-1988.
- Los Alamos National Laboratory, Distinguished Performance Award, 1984.
- Department of the Air Force, appointment to Scientific Advisory Board, 1987.
- Department of the Air Force, Exceptional Civilian Service Medal, 1991.
- Appointed Director of Chemical Research on the international Shroud of Turin Research Project, 1977.
- ΦΛΥ, academic honorary fraternity for chemistry.
- ΣΠΣ, academic honorary fraternity for physics.
- ΦΚΦ, academic honorary fraternity for universities.

Interests:

- Explosives Chemistry
- Thermochemistry/Physical Chemistry
- Explosives safety
- Archaeology (Anthropology): Dating methods and organic analysis.
- Soil Science
- Waste disposal
- Chemistry of Fossil Fuels
- Training search-and-rescue dogs
- Radio communications (amateur license KC5BRL)

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Also contributions to site reports of many archaeological expeditions, for example, site P50-14, Arizona; Casas Grandes, Mexico; Murray Springs, Arizona; and pottery classification by x-ray fluorescence for The Hohokam, Emil Haury.

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