

STEPHEN E. HAGGERTY

SYNOPTIC CV (1 OF 29 PAGES)

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Dept. of Earth & Environment Florida International University. Miami, FL. 33155.

ECONOMIC GEOLOGIST: Associate Royal School of Mines (1964); Diploma of Imperial College, Exploration Geology (1965); Ph.D. Geology & Geophysics University of London (1968).

ACADEMIC POSITIONS: University of Massachusetts, Asst., Assoc., & Prof. (1971-2002); Florida International University, Distinguished Research Professor (2002 - present).

RESEARCH SPECIALTIES: Diamond exploration & deep Earth studies with major emphasis on West Africa, South Africa, and India; Fe-Ti oxide minerals; Magmatic ore deposits; Lunar & meteoritic mineralogy & petrology; Rock & mineral magnetism.

RESEARCH & EXPLORATION FIELD AREAS: Finland, Iceland, Peru, USA, Canada, India, Syria, South Africa, Liberia, Sierra Leone, Mali, Guinea, Rwanda, Namibia, Botswana, Lesotho, Australia.

RESEARCH FUNDING: ~ \$10 M. NASA, National Science Foundation & Industry.

SOCIETIES: American Association for the Advancement of Science; Geological Society of America; Sigma Xi; AGU & MSA [see honors below].

PUBLICATIONS: 130 peer-reviewed articles; 6 in SCIENCE, 7 in NATURE; 14 Book Chapters; 5 Book Reviews; 13 Open File Reports; ~250 abstracts to national & international meetings & conferences. Editor in Chief "MINERALS."

HONORS: Cullis Medal, Royal School of Mines (1964); Judd Prize, University of London (1968); D.Sc. University of London (1988); Carnegie Fellow (1970); Fellow of the Mineralogical Society of America (1980); Chancellor's Medal (UMass 1988), Research Fellow (UMass 1988); Fellow of the American Geophysical Union (1992); Fellow Russian Mineralogical Society (1992); Daly Distinguished Lecturer-American Geophysical Union (1997); Fulbright Fellow (2000). Member: Lunar Sample Analysis Planning Team (1973-1976); Emeritus Professor, Univ. Massachusetts (2002). Research on extraterrestrial carbonado-diamond (The Astrophysical Journal 653, L153-156) voted 60th in top 100 scientific discoveries by DISCOVER magazine in 2007. 9th International Kimberlite & Diamond Conference: Proceeding's "Laureate" for major contributions to the study of the Earth's deep interior (*Lithos*, 112, 2009).

MINERALS: Discovered & named six new minerals [3 in kimberlites, 2 in carbonatites], and *Armalcrite* (after the astronauts *Armstrong*, *Aldrin* & *Collins*) in the Apollo 11 lunar samples. *Haggertyite* is a new mineral from a diamondiferous kimberlite, Arkansas, discovered and named by D.Velde (France), I.Grey (Australia), J. Criddle (UK).

INVITATIONS: National & international science committees; keynote & invited speaker to national & international universities, laboratories, conferences & workshops, including the White House on "Blood Diamonds"; interviews & opinions to local & national newspapers; featured in TV documentaries- NOVA, History, Discovery, National Geographic, Your University, and by the American Institute of Physics (Discoveries & Breakthroughs in Science).

CONSULTANT: Governments of USA, Liberia, Sierra Leone, India and Syria, UN.

Mining companies: BP; Selection Trust; DeBeers; Delta; Ataquá; LPAC; YDMC.

Board of Directors: Archangel Diamonds [past]; Ataquá Diamond Mining [past]; Tri-North [past]; NiCo Mining [past]; Diamcor Mining Co [active]; Jagersfontein Diamond Mining [active]. **Active Projects:** Conflict Diamonds; Diamond Exploration; Carbonado.

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