

Robert Alan Paul

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Education

- Ph.D. Interdisciplinary Ph.D. program in Philosophy and Physics: Analytic Philosophy, Philosophy of Science, Buddhist Philosophy, Philosophy of Physics. Dalhousie University
- M.A. Philosophy: Schopenhauer and Buddhism. Dalhousie University
- M.A. Applied Mathematics: Philosophy of Mathematics and Science. University of Maryland
- M.S. Physics (abd). University of Maryland
- B.S. Physics. University of Maryland
- Many additional undergraduate and graduate courses in sociology, psychology and social anthropology. Focused study on industrialization since 1800, colonialism and post-colonialism.

Employment

- Physicist, science educator and businessman.
- Research Scientist, Educator and CEO of EOA Scientific Systems, Inc. 23 years (www.eoascientific.com). Research into general topics in oceanography, climate, meteorology and geology. Development and supervision of development of science educational interactive multimedia products for school grades 6-12 and university.
- Research Scientist, statistician, programmer working on climate research using satellite remote sensing, data analysis, geographic information systems, image processing, with NASA/Goddard and consulting firms working with NASA, plus Bedford Institute of Oceanography, twelve years.
- Part-time/full-time University Instructor and TA, grade school teacher, child care worker, counselor, six years
- Nuclear Physicist for U.S. Navy, five years

Research and Publications

- Climate change
- Philosophy of quantum and relativity physics;
- Philosophy of Madhyamaka Buddhism;
- Relationships between structural realism in philosophy of science/physics and Buddhist Madhyamaka philosophies;
- Relationships between early and recent modern Western philosophies and Buddhist Madhyamaka philosophies
- Ph.D. Dissertation, 2013, Dalhousie University, and book: *Physics and Philosophy of Buddhist Emptiness*
- Master's Thesis, 2006, Dalhousie University.: "Schopenhauer's path to awareness of the ultimate nature of reality as interpreted in relation to the Stages of Emptiness of Buddhist philosophy".
- Wrote or supervised the writing of 30 interactive multimedia CDs in earth and space science for middle and high school and first-year university including approximately a million words of text, a thousand pictures and graphics, a hundred videos, and dozens of games and interactive exercises. Visit www.eoascientific.com for more information.
- Eleven internal reports on research conducted while working as a physicist with the U.S. Navy, at NASA/Goddard and at Bedford Institute of Oceanography.
- Master's Thesis, 1988, University of Maryland in philosophy of physics, economics and logic: "Some Limits Imposed on the Domain of Applicability of Empirical Science Through the use of Logic and Mathematics"