

CURRICULUM VITAE  
Dr. Oliver Davis JOHNS

**Personal data:**

- Professor of Physics Emeritus, Department of Physics and Astronomy, San Francisco State University, San Francisco, California, U.S.A.
- Email: ojohns@metacosmos.org Web: <http://www.metacosmos.org>
- Mailing address: 355 Columbus Avenue, Suite 2A, San Francisco, CA 94133, U.S.A.
- Date of birth: October 1934, Oklahoma, U.S.A.; Citizenship: U.S.A.

**Education:**

- B.S., Physics, Massachusetts Institute of Technology, Cambridge, Massachusetts, 1956.
- B.A., Mathematics, Oxford University, Oxford, England, 1958 (M.A., 1962).
- B.Sc., Physics, Oxford University, Oxford, England, 1959.
- Ph.D., Physics, University of California, Berkeley, California, 1968.

**Awards:**

- Rhodes Scholarship, Balliol College, Oxford University, Oxford, England, 1956–1959.
- Teaching Excellence Award, Phi Beta Kappa National Scholastic Honorary Society, 2001.

**Memberships:**

- American Physical Society, British Society for the Philosophy of Science, The Philosophy of Science Association, The American Radio Relay League.

**Research Interests:**

- Analytical Mechanics
- Critical studies of the foundations of current physical theories such as quantum mechanics and relativity.

**Positions held:**

- Professor of Physics Emeritus, San Francisco State University, San Francisco, California, 2004 to present.
- Visiting Scholar (yearly visits), Department of Theoretical Physics and Sub-Faculty of Philosophy, Wolfson College, Oxford University, Oxford, England, 1987 to present.
- Professor of Physics, San Francisco State University, San Francisco, California, 1978–2004.
- Lecturer, California State University Sacramento, Sacramento, California, 1977–1978.
- Visiting research fellow, Centre d'Études Nucléaires de Saclay, Gif sùr Yvette, France, 1976.
- Visiting associate professor, Department of Physics and Astronomy, University of Hawaii, Honolulu, Hawaii, 1975.
- Guest fellow, Université de Paris, Faculté de Science, Laboratoire René Bernas, Orsay, France, 1974.
- Chercheur associé, Institut d'Astrophysique, Paris, France, and Centre d'Études Nucléaires de Saclay, Gif sùr Yvette, France, 1972–1973.
- Guest lecturer and visiting fellow, Technical University, Munich, West Germany, 1971–1972.

- Postdoctoral fellow, Niels Bohr Institute, Copenhagen, Denmark, 1969–1970.
- Guest fellow, Nuclear Research Institute, Prague, Czechoslovakia, 1969.
- Research and teaching assistant, Lawrence Radiation Laboratory and U.C. Berkeley, Berkeley, California, 1965–1968.
- Senior research physicist, AGN Corporation, San Ramon, California, 1961–1963.
- Teaching assistant and University fellow, U.C. Berkeley, Berkeley, California, 1960–1961.

**Mechanics Book Editions:**

- Oliver Davis Johns (2005, second printing 2006) "Analytical Mechanics for Relativity and Quantum Mechanics" Oxford University Press, Oxford, England.
- Oliver Davis Johns (2011) "Analytical Mechanics for Relativity and Quantum Mechanics, 2nd ed." Oxford University Press, Oxford, England