

## Vita of JOHN A. VENABLES

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- **Born:** Leicester, England; U.K. citizen; resident USA and UK.
- **Married:** Delia Poole 1961; 2 adult children, four grandchildren.
- **Education:** Secondary education at Manchester Grammar School, 1947-54; Engineering apprentice with AEI, Manchester, 1954-55; B.A. in Natural Sciences, Cambridge (Physics, II.1, 1958); M.A., Ph.D. with P.B. Hirsch and M.J. Whelan, Cambridge (1961).
- **Current Appointments:** 1985-present: Professor of Physics, Arizona State University (typically 50% time; Professor of Practice 2008-16, now Emeritus); 1988-present: Professor of Physics, University of Sussex (Honorary since 1995, Emeritus since 2011); 2008-present: Honorary Visiting Professor, University College London, in the London Centre for Nanotechnology (UCL-LCN).
- **Previous Appointments:** 1961-64: Research Associate and Research Assistant Professor of Physics, University of Illinois, Urbana, Illinois; 1964-71: Lecturer in Physics, University of Sussex, England; 1969: Visiting Scientist, MPI Metallforschung, Stuttgart, Germany; 1971-1988: Reader in Physics, University of Sussex; 1973 and 1978-83: Prof Associé, Université Aix-Marseille, France; 1984-85: Visiting Professor, Arizona State University; 1992-1994: Dean of Mathematical and Physical Sciences, University of Sussex; 1997: Visiting Professor, EPFL, Lausanne, Switzerland; 1999: Visiting Professor, University Aalborg-Esbjerg, Denmark; 2006-07: Visiting Fellow, University College London (Department of Physics and Astronomy).
- **Societies:** Institute of Physics (Fellow), American Physical Society (Fellow), Microscopy Society of America, European Physical Society, British Association for Crystal Growth, Materials Research Society, Royal Microscopical Society (Fellow), Royal Society of Arts Manufacture and Commerce (Fellow), Association of Chamber Music Players (ACMP); Playing member, Symphony of the Southwest (Arizona) and Royal Tunbridge Wells Symphony Orchestra (RTWSO, UK).
- **Honors and professional activities:** Open, Senior, Research scholarships, Trinity College, Cambridge (1954-61). Fulbright Travel award (1961). F. Inst. P. (1972). Offices in Electron Microscopy and Analysis Group (I.O.P.): committee (1970-71), secretary (1971-72), chairman (1972-74); Solid State Comm. (1972-74); Editor, EMAG proceedings, 1975. Membership of organization and program committees: European Cong. on Electron Microscopy (1972), EMAG national meetings (1975, 1979), Intl. Cong. on Electron Microscopy (1982, 1990), European Conf. on Surface Science (1986), Scanning Tunneling Microscopy (1986), Vice-Chair, Gordon Research Conference: Epitaxial Thin Films and Interfaces (1995), founding Co-Chair, Gordon Research Conference: Thin Film and Crystal Growth Mechanisms (1997), plus several smaller meetings. Editorial Boards: J. Phys. F (1979-81), Ultramicroscopy (1980-1995), Scanning (1984-2010), J. Phys. D (1995-2005), Divisional Associate Editor, Physical Review Letters (2000-05). Membership of SERC metallics sub-committee (1980-83); Comité de Direction, CNRS Laboratoire CRMC2, Université Aix-Marseille (1974-1986); CNRS Laboratoire Maurice Letort, Nancy (1989-1992); Fachbeirat, Fritz-Haber Institut der Max-Planck Gesellschaft, West Berlin (1981-1990). Fellowship, Japan Society for promotion of Science (1986). Review of Condensed Matter Physics in Australia (1992). Doctor Honoris Causa, Université de la Méditerranée (2001). Fellowship, American Physical Society (2002).
- **Graduate student supervision:** 26 doctoral and 10 masters theses have been directed to completion. Lead Graduate Advisor in the Physics Department at ASU (2001-07). Most recently (2007-present) Founding Program Director at ASU for the new Professional Science Master's (PSM) degree in Nanoscience, which currently (May 2016) has 57 Alumni and ~20 Current students.