

RICHARD RUSSELL BETTS
Curriculum Vitae

DATE AND PLACE OF BIRTH:

May 21, 1947; Harrogate, Yorkshire, England

CITIZENSHIP:

Naturalized US

MARITAL STATUS:

Married in 1976 to Katherine Anne Betts, two children - Nicholas (1978) Alison (1981)

EDUCATION:

B.A. Oxford University, 1968

M.S. University of Pennsylvania, 1969

Ph.D. University of Pennsylvania, 1972

M.A. Oxford University, 1984

POSITIONS HELD:

Postdoctoral Research Associate, University of Pennsylvania (1972-73)

Visiting Scientist, Niels Bohr Institute, University of Copenhagen (1973-75)

Assistant Professor, Yale University (1975-79)

Physicist (1979-1988), Argonne National Laboratory

Senior Physicist (1988-1999), Argonne National Laboratory

University Lecturer in Nuclear Physics, Oxford University (1984-86)

Fellow of Lady Margaret Hall, Oxford University (1984-86)

Adjunct Professor of Physics, UIC (1993-94)

Professor of Physics, UIC (1994-Present)

Vice Provost for Planning and Programs, UIC (2003-Present)

PROFESSIONAL ASSOCIATIONS:

Fellow, American Physical Society

RESEARCH FUNDING:

Yale University:

Co-PI on WNSL Nuclear Physics Grant – DoE

Oxford University:

PI Consolidated Grant for Nuclear Physics UK SERC - £200,000 (1985-86)

UIC:

PI - Heavy Ion Nuclear Physics Research at UIC - DoE - \$449,000 (1994-97), \$850,000 (1997-00), \$1,338,000 (2000-2003), \$1,355,000 (2003-2007)

US PI – Joint US-Japan Seminar on Clustering in Nuclear and Mesoscopic Systems - NSF - \$14,000 (1995)

PI – Construction of PHOBOS Multiplicity and Vertex Detector – DoE BNL - \$198,000 (1998-01)

PI – Salary Support for Dr. Rachid Nouicer – DoE BNL - \$57,000 (2002-3)

TEACHING EXPERIENCE:

Yale University:

Introductory Physics for Science Majors,
Physics for Non-Scientists,
Introduction to Modern Physics,
Nuclear and Particle Physics,
Graduate Nuclear Physics.

Oxford University:

Fundamentals of Electronics,
Nuclear Physics,
College Tutorial Courses on Entire Undergraduate Curriculum.

UIC:

Introductory Physics for Science Majors I, II and III,
Honors Introductory Physics I and II,
Non-Calculus Introductory Physics,
Nuclear and Particle Physics.

CETL Teaching Recognition Award - 2003

MAJOR COMMITTEE ASSIGNMENTS:

* Current

UIC:

University

Program Assessment Team* (Chair)

Provost – Provost’s Management Team*

Provost - UIC2010 Committee – Co-Chair*

Chancellor – Standing Committee on Classified and Restricted Research*

Vice Chancellor for Research - Campus Conflict of Interest Committee (Chair)

Provost - All Campus Promotion and Tenure Committee (Chair)

Dean of LAS - Ad Hoc Committee to Review Head of UIC Biology Department

Dean of LAS - Illinois Board of Higher Education – Internal Review of Earth and Environmental Sciences Department

Vice Chancellor for Research - Center Seed Funding Committee

Department

Departmental Advisory Committee

Education Policy Committee*

Recognition Committee (Chair)*

Computing and Shop Oversight Committee*

Preliminary Examination Committee

Search Committee for Electronics Project Coordinator*

Search Committee in High Energy Nuclear Physics (Chair)

Search Committee in Hadronic Theory (Chair)

Search Committee in Condensed Matter and Bio-Physics

Search Committee in Condensed Matter and Particle Physics (Chair)

Search Committee in Condensed Matter, Particle and Bio-Physics (Chair)

Colloquium Committee

Argonne National Laboratory:

ALD Physical Research - Hiring and Promotions Committee – Physical Research (Chair)

Oxford University:

Department

Policy and Planning Panel

Departmental Advisory Committee

Principal Investigator and Group Leader – Nuclear Physics

College

Governing Body of Lady Margaret Hall

Search Committee for Fellowship in Computer Science

Yale University:Department

Qualifying Examination Committee

Graduate Admissions Committee

External Committees and Positions:

RHIC Long Range Planning Group*

RHIC Detector Advisory Committee*

Advisory Committee to Physics Chair - Center for Experimental Nuclear and

Astrophysics (University of Washington)*

Project Manager – RHIC PHOBOS Experiment

Annual RHIC Program Review – 2001 (US DoE)

Editorial Board - Ann. Rev. Nuclear and Particle Science

G0 Experiment Review (Thomas Jefferson Lab, Newport News, VA)

Site Review Committee - NSCL, Michigan State University (NSF)

Spokesman and Project Manager - APEX Experiment

Assessor, Review of RSPS, Australian National University

SNO-Neutral Current Detector Review Committee (US DoE)

Series Editor “IOP Series in Fundamental and Applied Nuclear Physics”(IOP UK)

Physical Review C, Publications Oversight Committee Task Force (AIP)

U.S. Correspondent - NuPECC News

GAMMASPHERE Technical Review Committee (US DoE)

Program Committee (APS, Division of Nuclear Physics)

Consulting Editor for Nuclear Physics (IOP UK)

Nuclear Physics Committee (Science and Engineering Research Council UK)

Visiting Committee for Nuclear Physics – Glasgow University

Program Committee (Hollifield Heavy Ion Research Facility ORNL)

DOE/NSF Long Range Planning Group for Nuclear Science

Program Committee (NSF Daresbury Laboratory UK)

Publications Committee (APS, Division of Nuclear Physics)

Program Advisory Committee (ATLAS Facility ANL)

Program Advisory Committee (Van de Graaff Facility BNL)

Reviewer for US DoE, NSF, SERC & ESPRC (UK), ARC (Australia)

Reviewer for PRL, PRC, Nucl.Phys. J.Phys.

Advisory and Organizing Committees for many Conferences and Workshops

External Examiner at Liverpool, Surrey, Strasbourg and Australian National Universities