

BIODATA

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EDUCATION:	D.Phil., Economics, Sussex University, UK, 1983. M.A., Development Economics, Sussex University, UK, 1974. B.A. (Honors), Economics & Mathematics, Keele University, UK, 1970.
COUNTRIES OF WORK EXPERIENCE:	Cook Islands, Cyprus, Federated States of Micronesia (FSM), Fiji, Lesotho, Papua New Guinea, Republic of the Marshall Islands, Tonga, Vanuatu,
LANGUAGES	English

EMPLOYMENT RECORD

FROM: NOVEMBER 2005	TO: PRESENT (4½ YEARS—FULLTIME)
EMPLOYER	HUMAN DYNAMICS (EUROPEAN COMMISSION)
LOCATION	LESOTHO
PROJECT:	DEVELOPMENT OF A MACRO MODELING FOR LESOTHO
POSITION HELD:	TEAM LEADER

As no one model can be considered suitable to provide answers to all of Lesotho's forecasting and policy needs, it was decided the project should develop a set of alternative modeling frameworks. The project contains four main components: (i) development and improvement of Lesotho's main economic accounts (a) the national accounts, (b) the balance of payments, and (c) the government's fiscal accounts (GFS 2001), (ii) the development of an extended financial program, (iii) development of a macroeconomic model, and (iv) compilation of a Social Accounting Matrix (SAM) and construction of a Computable General Equilibrium (CGE) model. The main use of the models is to assist the Government in the design of the Medium Term Financial Framework to support budget formulation, and provide a framework to assess development and policy options to achieve Lesotho's longer-term goals. The project will be conducted over five years and is focused on capacity building and draws participation from staff in the Ministry of Finance, Bureau of Statistics, Central Bank, and National University. The adopted approach has been to develop models at a pace suited to the beneficiary and capacity to absorb the training both in a formal class room setting and hands-on work environment. I am the team leader of the project and coordinate activities of short-term consultants to support training and provision of expertise in specialist areas.

FROM: APRIL 2006	TO: AUGUST 2009 (2 MONTHS EACH YEAR 2006 THROUGH 2009)
EMPLOYER	US DEPARTMENT OF AGRICULTURE
LOCATION	FSM, RMI, HAWAII, AND WASHINGTON DC
PROJECT:	PREPARATION OF AN ECONOMIC REPORT OF THE FSM AND RMI
POSITION HELD:	ECONOMIST

This project entailed preparation of two reports on the economic performance of the FSM and RMI and the progress in attaining the long-term objectives of the Compact of Free Association with the US. The reports were prepared in two parts: (i) an evaluation of economic performance, and (ii) an assessment of the macroeconomic policy environment. The economic assessment included an evaluation of economic growth, employment, trends in migration, inflation, monetary policy, the balance of payments and fiscal developments. The policy assessment included evaluation the capacity of the two economies to adjust to the long-term reduction in funding from the US. On completion of each assignment a presentation

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was given to the US Departments' of Interior, State and Health.

FROM: JUNE 2005	TO: AUGUST 2005 (2½ MONTHS)
EMPLOYER	ASIAN DEVELOPMENT BANK
LOCATION	NORTH AND SOUTH PACIFIC, MANILA
PROJECT:	EVALUATION OF THE PACIFIC FINANCIAL TECHNICAL ASSISTANCE
POSITION HELD:	CENTER (PFTAC)

The Pacific Financial Technical Assistance Center (PFTAC) provides TA support to 15 Pacific Islands Countries (PICs) in four major areas: banking supervision, public financial management, taxation, and statistics. PFTAC is administered by the IMF, but funded by a group of donors including the ADB. After 12 years of operation and support, the Operations Evaluation Department of the ADB was requested to undertake a Technical Assistance Performance Report of PFTAC to provide the Bank with an analysis of the effectiveness of PFTAC, and to form the basis of future Bank support of the Center. The staff consultancy required assessing performance of the PICs in the four areas supported, and the contribution made by PFTAC to its mission of providing assistance for the improvement of financial and macroeconomic management.

FROM: FEBRUARY 2005	TO: MAY 2005 (3 MONTHS)
EMPLOYER	GOVERNMENT OF THE FEDERATED STATES OF MICRONESIA
LOCATION	FSM
PROJECT:	PREPARATION OF THE FSM STRATEGIC DEVELOPMENT PLAN
POSITION HELD:	ECONOMIST

The Government of the Federated States of Micronesia requested support in the preparation of its Strategic Development Plan (SDP) required under the Compact of Free Association with the United States. Work entailed coordination of the SDP and preparation of three chapters: (i) a comprehensive review of economic performance during the first Compact period 1987-2003, (ii) preparation of a macroeconomic framework for development during the second (amended) Compact period with growth and reform scenarios (based on a CGE model of the economy), and (iii) a chapter on public sector management including: fiscal responsibility, fiscal transparency, accountability (prepared by the FSM public auditor's department), performance budgeting and management, public sector capacity building, and public enterprise policy.

FROM: FEBRUARY 2004	TO: DECEMBER 2004
EMPLOYER	ASIAN DEVELOPMENT BANK
LOCATION	FEDERATED STATES OF MICRONESIA (FSM)
PROJECT:	STRENGTHENING OF PUBLIC SECTOR MANAGEMENT &
POSITION HELD:	ADMINISTRATION FISCAL ADVISOR

In October 2003 the Compact of Free Association (Compact) between the FSM and the United States was renewed for a further 20 years, but at a significantly reduced level of funding from the first seventeen years. The reduction in funding contained the need for a sharp fiscal adjustment in the near-term (1-5 years) and a more gradual contraction over the long-term (6-20 years.) The work required provision of advice to the FSM authorities on estimation of the magnitude of the adjustment and recommendation of a suitable adjustment strategy. A fiscal adjustment package was recommended that emphasized revenue reform (given the low prevailing tax effort), rather than wholesale reductions in expenditures, which would have left public service delivery seriously impaired. The introduction of a broad based consumption tax including a VAT was recommended, provided this was implemented subsequent to tax administration strengthening and modernization.

FROM: SEPTEMBER 2003	TO: OCTOBER 2003
EMPLOYER:	ASIAN DEVELOPMENT BANK
LOCATION	REPUBLIC OF THE MARSHALL ISLANDS (RMI)

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PROJECT:	POST EVALUATION OF THE MARSHALL ISLAND'S PUBLIC SECTOR REFORM PROGRAM LOAN
POSITION HELD:	CONSULTANT

Advice provided to the ADB's office of post evaluations in preparation of a post evaluation of the Marshall Island's Public Sector Reform Program loan, which was implemented between 1997 and 2000. The evaluation involved review of the design of the program, Bank and borrower performance, progress achieved against a policy matrix and loan covenants, program impact, lessons learned, and key issues for the future. As macroeconomic advisor I had the key responsibility to review the program impact against three major objectives: short-term fiscal stabilization, longer-run stability in public finances, and policies to improve the environment for private sector development. Key elements of the evaluation involved assessment of the effectiveness and sustainability of a mandatory Reduction in Force (RIF), tax reform, establishment of a trust fund to fund Government operations, reduction in the role of Government in the economy, and reform of the regulatory environment.

FROM: APRIL 1997	TO: DECEMBER 2003.
EMPLOYER:	BOSTON INSTITUTE FOR DEVELOPING ECONOMIES, LTD.
DONOR	ASIAN DEVELOPMENT BANK
LOCATION	FEDERATED STATES OF MICRONESIA (FSM)
PROJECT:	ECONOMIC MANAGEMENT POLICY ADVISORY TEAM (EMPAT)
POSITION HELD:	TEAM LEADER

Provided policy advice to the FSM governments to adjust to reduced levels of external assistance and capacity building of young economists. Responsible for coordination and implementation in the FSM of the Public Sector Reform Program (PSRP), which comprised an Early Retirement Program, tax reform, public enterprise reform, reform of the foreign investment regime, and deregulation of the banking sector. After PSRP closeout the reform agenda was maintained through a second FSM economic summit and creation of the Economic Policy Implementation Council (EPIC), which coincided with the commencement of negotiations for the renewal of the Compact of Free Association with U.S. (Compact). Work included the design of a Compact strategy, which was presented to the Fourth Consultative Group of Donors meeting. Established a time series of economic data, which enabled improved economic management, review, and analysis of the economy. Constructed a simplified aggregate financial/macroeconomic model focusing on resource requirements for the establishment of a Trust Fund for eventual replacement of Compact flows. Prepared a computable general equilibrium (CGE) model based on a Social Account Matrix (SAM) to improve analysis. A major component of EMPAT was capacity building and training of local counterpart economists.

FROM: AUGUST 2002	TO: SEPTEMBER 2002
EMPLOYER:	ASIAN DEVELOPMENT BANK
LOCATION	COOK ISLANDS
PROJECT:	POST EVALUATION OF THE COOK ISLAND'S ECONOMIC RESTRUCTURING PROGRAM LOAN
POSITION HELD:	CONSULTANT

Project entailed participation in a small team to conduct a post evaluation of the Cook Island's Economic Restructuring Program loan implemented from 1997 through 1999. The project involved review of the design of the program, Bank and borrower performance, progress achieved against a policy matrix and loan covenants, program impact, lessons learned, and key issues for the future. As macroeconomist I had the key responsibility to review the program impact on financial stabilization, public sector reform, and policies to improve private sector development. This entailed a review of the public service downsizing, tax reform, debt restructuring, the New Zealand model of Governance adopted by the Cooks Island during the reforms (purchaser provider relationship between departmental heads and Ministers, output performance budgeting), privatization and transformation of public sector enterprises, foreign investment regime, and reforms to improve the efficiency in factor markets

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FROM: OCTOBER 1996	TO: FEBRUARY 1997
EMPLOYER	ASIAN DEVELOPMENT BANK
LOCATION	VANUATU
PROJECT:	PACIFIC ISLAND ECONOMIC REPORT
POSITION HELD:	TEAM LEADER

Employed by the ADB as team leader to coordinate the Vanuatu Pacific Island Economic Report (PIER), and take responsibility for the macroeconomic, financial, private and tourism sectors. The report provided a comprehensive assessment of the Vanuatu economy, including policy recommendations for reform of the public sector, public enterprises, natural resources sectors, human resource development, gender issues, and the environment. The final report was published in mid 1997, and formed the basis of the Comprehensive Reform Program loan (CRP).

FROM: MARCH 1992	TO: JULY 1996
DONOR	INTERNATIONAL MONETARY FUND
LOCATION	TONGA
PROJECT:	ECONOMIC POLICY ADVICE AND CAPACITY BUILDING
POSITION HELD:	RESEARCH DIRECTOR

Joined the National Reserve Bank of Tonga under IMF technical assistance program. As Research Director was responsible for the provision of advice to the Bank's management on monetary policy, interest rates, balance of payments, exchange rates, and macroeconomic management. Regular discussions and briefings were also held with Tonga's banking and financial sector. Was responsible for the Bank's quarterly economy bulletin, annual report, and occasional paper series. Institutionalized a financial programming exercise, which provided the framework for the formulation of monetary policy and was published annually. Capacity building of the Research Department was a major requirement.

FROM: NOVEMBER 1987	TO: MARCH 1992
EMPLOYER:	EAST WEST CENTER/PACIFIC ISLANDS DEVELOPMENT PROGRAM
LOCATION	HAWAII
POSITION HELD:	RESEARCH ASSOCIATE

Worked on applied macroeconomic policy of the Pacific island economies. Investigated relationship between macroeconomic policy and private sector development under an ADB TA concerning the role of the Private Sector in the Pacific Islands. The research focused on economic development, exchange rate and wages policy, monetary and fiscal management, and adjustment to external shocks particularly in the terms of trade. Also developed a set of Computable General Equilibrium (CGE) models based on the Social Accounting Matrix (SAM) to help study the interrelated effect of different macroeconomic policies. CGE models and SAMs were constructed for Fiji, Tonga and Vanuatu. Initiated a series of country assessments, which focused on current economic performance and provided a forum for discussion of economic and development policy problems; studies were prepared for Fiji, Vanuatu, and Tonga.

FROM: JUNE 1977	TO: MAY 1991
EMPLOYER:	UN ESCAP/PACIFIC OPERATIONS CENTER
LOCATION	VARIOUS
PROJECTS:	SHORT-TERM CONSULTANCIES

Tonga (May 89- May 91): Four months in Tonga to prepare the macroeconomic framework for Development Plan VI. During the initial mission prepared a chapter on macroeconomic policy emphasizing private sector initiatives and reviewing recent economic performance. Constructed a social accounting matrix (SAM), and built a model to examine the implications of alternative plan strategies. A final mission involved training of Tongan staff in the use of the model.

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Vanuatu (Feb 86 – May 86) : Constructed a Social Accounting Matrix (SAM) and an economic model to examine alternative policy options for the Vanuatu government's forthcoming development plan. The SAM was constructed from a limited set of data, and a Semi-Input-Output model distinguishing traded and non-traded goods was used as a basis for examining alternative scenarios.

Vanuatu (August 84 – May 86) : Completed a study on the economic impact of tourism. During initial mission in 1984 advised on the required statistical information necessary for the evaluation, and designed a hotel and restaurant survey. In early 1985 analyzed the results and the study indicated that greatest gains would come from increased participation by Ni-Vanuatu in the tourism industry. An estimate of the tourism multiplier was made.

Papua New Guinea (June 77 – Aug 77) : Provided advice on the construction of a suitable statistical framework and design of an economic planning model. The model, based on an Input-Output table derived from the national accounts, was designed to explore policy options for PNG's macroeconomic planning exercises. The model included sectoral multipliers for use in project and "impact" analysis.

FROM: MARCH 1983	TO: JULY 1987
EMPLOYER:	RESERVE BANK OF FIJI (RBF)
LOCATION	FIJI
POSITION HELD:	RESEARCH DIRECTOR

Joined the Reserve Bank as an economist in the research department and was promoted to research director. Provided advice on monetary policy, external sector, macroeconomic management, and exchange rate policy. Member of the management team, responsible for a monthly brief to the Bank's board on the economy and for the Bank's quarterly review and annual report. Responsible for preparing a financial program and setting an appropriate rate of credit creation consistent with balance of payments stability. Monthly meetings were held within the Reserve Bank and with the commercial banks. The department maintained Fiji's external debt statistics, and provided advice on foreign reserve management.

FROM: MARCH 1981	TO: SEPTEMBER 1981
EMPLOYER:	WORLD BANK
LOCATION	CYPRUS
PROJECT:	CONSTRUCTION OF SOCIAL ACCOUNTING MATRIX & CGE MODEL
POSITION HELD:	CONSULTANT

This consultancy funded by the World Bank entailed two trips to Cyprus, and during the first mission a SAM was constructed. The work required the collection of different statistics on a great variety of aspects of the Cypriot economy and manipulation of the data into a consistent framework. A significant portion of the time was spent accessing a computerized data bank of statistical material. The second part of the mission was a team effort and involved the construction of an economy wide multi-sector Semi-Input-Output model based in the SAM and its parameterization. The model was built to simulate economic consequences of different policy options for the forthcoming Cypriot Development Plan.

FROM: AUGUST 1974 AND AUGUST 1979	TO: JULY 1978 JANUARY 1981
EMPLOYER:	CENTRAL PLANNING OFFICE (CPO)
LOCATION	FIJI
POSITION HELD:	SENIOR ECONOMIST

Employed in the economic policy and macroeconomic section of the CPO and provided advice on economic policy, the preparation of reports on the state of the economy and economic forecasts. Work was geared to the preparation of the annual budget. Assisted in the preparation of the CPO quarterly report on the state of the economy. A major portion of the workload in the CPO was geared to the preparation of the 5 yearly development plans and reviews. Had overall responsibility in both the 7th and 8th plans and review of the 7th for the chapters on macroeconomic policy. Analysis in both plans was based on

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an Input-Output model, and I developed both the computer simulation program and the Input-Output table.

FROM: NOVEMBER 1970	TO: MARCH 1973
EMPLOYER:	BUREAU OF STATISTICS
LOCATION	FIJI
POSITION HELD:	STATISTICIAN

Main area of responsibility was in the compilation of Fiji's national income and product accounts. In order to construct the accounts, set in motion a series of economic surveys, including an industrial census, construction, and transport survey. By the end of the period, had completed a report on the national accounts, and started the first series of Input-Output tables for Fiji.