

Curriculum Vitae

Updated 14 Jan 2009

I. Personal Information

Name	Eng-Leong Foo
Also known as (aka)	"Jacky"
Sex	Male
Date of Birth	07 Jan 1950
Citizen	Sweden
Residence	Arvikagatan 26 12343 Farsta Sweden
Email	jacky.foo@gmail.com jacky@globetree.org
Website	www.globetree.org/jackyfoo
Phone	+46-8-945959 (Sweden)
Mobil	+46 704 805 898 (Sweden) +254 725 077 012 (Kenya) +256 777 508 094 (Uganda)
Civil Status	married
Children	Two (born 1979, 1983)
Dependents	None
Physical Disabilities	None
Health Disorders	None
Driving License	None (1973, not valid anymore)

II. Employment History

Dates (From - To):	April 2008 - March 2009
Employer:	Globetree (www.globetree.org)
Position:	Program Officer, Environment and Sustainable Development
Key Responsibilities:	(i) implement (full project cycle) 4 projects in Kenya (a) Food and Fuel Self-Reliance for Vulnerable Children (b) Rights-based approach and capacity building of local NGO (c) Sustainable Livelihoods and Income generation by vulnerable youths: Rabbit Project (Kenya) (d) E-learning in Kenya - Feasibility study (ii) Develop of project ideas with local partners (Kenya, Uganda, Sweden), writing grant applications and fund-raising

	<ul style="list-style-type: none"> (iii) Serve as the International Coordinator of Rabbit Network Kenya (www.globetree.org/africa/rabbit-net) (iv) Liaise with partners of the World Championship in Cooperation 2008 (Uganda, http://www.2008worldcic.org/) and 2010 (Malaysia)
Key Achievements:	<ul style="list-style-type: none"> (i) Establish network of contacts with Probation Hostels (for children in conflict with the law) and OVC NGOs for skills/vocational training (ii) Assisted in the creation of "Rabbit Network Kenya" (www.globetree.org/africa/rabbit-net) and planning of "Rabbit Network Cameroon" (iii) Developed cooperations with e.g. MKFC (www.mkfc.se), The Catholic Church in Sweden (www.katolskakyrkan.se), Entebbe Women Association (www.entebbe-miners.org), Maikona Catholic Mission, Lake Victoria Regional and Local Authorities Cooperation (www.lvrlac.net), Tree Theatre Group (www.treetg.com)
Reason for Leaving:	End of contract

Dates (From - To):	July 2004 to March 2008
Employer:	unemployed
Position:	Various (see "III. Voluntary Work" below)
Key Responsibilities:	see "III. Voluntary Work" below
Key Achievements:	see "III. Voluntary Work" below

Dates (From - To):	1999- June 2004
Employer:	Royal Institute of Technology, Department of Biotechnology
Position:	Research Engineer
Key Responsibilities:	<ul style="list-style-type: none"> (ii) planning, development and writing of project proposals (iii) coordinate full projects cycle and their management (iv) Liaison with international and local organisations (v) provide occasional support to Swedish M.Sc student(s)
Key Achievements:	<ul style="list-style-type: none"> (i) successful obtained funds, managed and implemented projects in W. Samoa and Uganda on utilisation and treatment of industrial wastewater and solid wastes (brewery, abattoir) with co-operations with local academic institutions, government agencies, NGOs/CBOs and private companies as well as international organizations (ii) conducted travel missions to Western Samoa, Australia, Uganda, and Cambodia (iii) developed project proposals with Cambodian and Tanzanian partners (iv) developed cooperations/liased with several organizations

	<p>e.g.</p> <ul style="list-style-type: none"> - UNESCO Microbial Resources Center and - MIRCEN Board of Directors (USA) - Institute of Advanced Studies, United Nations Univ (Tokyo); - Chibu University-Royal Inst of Technology cooperation in biotechnology; - Intl Org for Biotechnology and Bioengineering (www.iobborg.net) - Chinese Acad of Sci, Beijing (Ecocity Development, and Ecological sanitation) - East African Student network in Sweden under "East African Regional Programme and Research Network for Biotechnology, Biosafety & Biotechnology Policy Development" with Stockholm Environment Inst - Engineers without Borders - organised mtgs and support for the Water Group & Netork Group - Globetree Association (since 2003), <p>(v) support to Swedish M.Sc. student during research thesis work in Kampala (2003) and summer job in Kampala (2002)</p>
Reason for Leaving:	end of contract, lack of funds

Dates (From - To):	1995-2000
Employer:	United Nations University, Tokyo
Position:	Various (consultant, visiting fellow, visiting scientist)
Key Responsibilities:	<ul style="list-style-type: none"> (i) develop and manage Integrated Biosystem Project and Integrated Biosystems Network (ii) liaise and network with national and international organizations and agencies especially in the South Pacific Island States (iii) coordination of Fiji project and support to field engineer in Fiji (iv) support to PhD fellows in e-networking and e-conferencing
Key Achievements:	<ul style="list-style-type: none"> (i) the term "Integrated Biosystems" is now widely used globally; IBSnet continues today with the "Working Group on IBS" with the Intl Org on Biotechnology and Bioengineering (www.iobborg.net) (ii) coordinated food self-sufficiency and integrated farming-waste treatment project in Fiji (iii) assisted in establish other global networks e.g. UN Small Islands Network (SIN), UNU/IAS Alumni Network, Intl Network on Co-operation in Plasma Science and Technology (PlasmaNet http://www.artech.or.jp/english/plasma2.html), <p>- organized/assisted numerous e-seminars, conferences, workshops</p>
Reason for Leaving:	gained employment at Royal Inst of Technology, Stockholm

Dates (From - To):	1975-1994
Employer:	Karolinska Institute, Dept of Bacteriology, Unit for Bioengineering and Microbiology, Stockholm
Position:	Research Assistant
Key Responsibilities:	:(i) develop, fund raise and implement numerous projects and travel missions (ii) Coordinate various international activities & e-networks (iii) serve as Secretary (1976-1987) & Director (1988-2002) of UNESCO Microbial Resources Center
Key Achievements:	:* managed and implemented several research projects in bioengineering, microbiology and appropriate technology * managed Center, served as liaison officer, coordinator of several international networks and activities on e.g. biogas, biological nitrogen fixation, lactic acid bacteria, diarrhoeal disorders, ecotechnology, ecocity, HIV/AIDS.
Reason for Leaving:	gained employment at UN University, Tokyo

III. Voluntary Work

Dates (From - To):	On-going since Aug 2006
Organization	South East Asia Rural Development Fund, Inc. Florida, USA. www.seardf.org
Position:	Member of the Board of Directors,
Key Responsibilities:	(i) advise capacity building of SEARDF, finances, etc (ii) develop and write project proposals, letters of inquiry on water capture and resource management, tree planting by school children, integrated farming in arid zone with wastewater recycling
Key Achievements:	Submitted several letters of inquiries and proposals to various foundations in the USA

Dates (From - To):	On-going since 2005
Employer:	Cambodia Renewable Energy and Sustainable Agriculture for Rural Development, (www.cresard.com)
Position:	Volunteer, advisor, consultant
Key Responsibilities:	(i) Advise/assist in business plan development, capacity building with residents/IDPs and owners of 230 ha farm (ii) plan, initiate, and improve various community and farm activities (iii) discuss environmental activities with Governor of Ratanak Mondul District
Key Achievements:	(i) training and discussions on integrated farming and biosystems, ecofarm development, water resource management, identification of pond sites, dry toilets, plant nursery, liquid fertiliser production from manure, making composts, fodder from aquatic plants, ducks, pig production, biogas, Jatropha biodiesel and candle making (ii) launch livestock activities (20 cattle, 3 rabbits) (iii) discussion on protection of 100 reserve forest and provincial land with the Governor of Ratanak Mondul District (Battambang Province, Cambodia) and CRESARD (Trustee of land) Additional Information: www.cresard.com/pr01.htm , http://travel.webshots.com/album/548875303JdiutW , http://travel.webshots.com/album/554267973NyGjxq

Dates (From - To):	Sept 2005-Dec 2006
Employer:	African Foundation for Environmentally Sound Technologies for Farms and Cities (Cameroon)
Position:	Vice-president
Key Responsibilities:	<ul style="list-style-type: none"> (i) capacity building of NGO, projects development, advise ecofarm development and school garden projects, networking (ii) discussion on project development with Governor of Bamenda and Delegate of Bamenda Urboun Council
Key Achievements:	<ul style="list-style-type: none"> (i) organised "Seminar on Integrated Biosystems concept in environment and sustainable development" (Sept 2005), (ii) coordinated preparation of the Training Course on Polyethylene Biodigester Technology (Sept 26-28, 2006. Bamenda, Cameroon), (iii) encouraged school garden by primary school children (iv) networking with other Cameroonians working on small scale livestock farming, solar energy, bioenergy (v) submission of project on improvement of waste dump site of Bamenda (proposal forward to Government for funding)

Dates (From - To):	On-going since Sept 2003
Employer:	Globetree Association (www.globetree.org), Sweden
Position:	volunteer, program officer (2007), advisor on children's activities on environment, water and sanitation & programme development
Key Responsibilities:	<ul style="list-style-type: none"> (i) assist in planning and conducting various mtgs/workshops in East Africa (ii) manage reporting team, writing reports, conduct feasibility studies and project development, e.g. Children's Village in Kenya (2007)
Key Achievements:	<ul style="list-style-type: none"> (i) participant with advisory capacity in the preparing meetings; e.g. Preparatory Roots Meetings in East Africa (Tanzania, Uganda, Kenya); International Roots Meeting (UNON, Nairobi, 2004), East Africa Mayors Mtg with Majors from 7 cities, 2004); and other activities in Sweden (e.g. "Children's Water Way" 2005 - an event during the Stockholm Water Forum; World Championship in Cooperation 2006; annual meetings since 2003) (ii) development of "Strategic Plan and Way Forward 2005-2006", (iii) design and prepared proposals on food production by street children in refuge centre in Nairobi; treatment of polluted stream water for irrigation of plants in nursery (iv) 2007 (funded by Forum Syd; March): Feasibility study on Children on Probation and their living environment in probation hostels in Kenya.

Dates (From - To):	2000-2008
Employer:	International Organization for Biotechnology and Bioengineering

	(www.iobborg.net)
Position:	<ul style="list-style-type: none"> (i) volunteer (ii) Chairman (2004-2006) (iii) coordinator of Working Group on Integrated Biosystems (since 2000) (iv) webmaster (v) manager/administrator of LISTSERV lists (http://segate.sunet.se since the early 90s), Google groups (http://groups.google.com/ since 2006), DRUPAL webforum (www.iobborg.net/drupal since 2004) (vi) General Secretary (2007-2008)
Key Responsibilities:	<ul style="list-style-type: none"> (i) To revitalise the organisation (established in 1968) with an Internet platform for communication, (ii) re-structure the organization, organise activities, forums, training courses, day-to-day support, (iii) leadership and capacity building of members, liaise with other organisations and funding agencies,
Key Achievements:	<ul style="list-style-type: none"> (i) created a virtual network for IOBB ; physical network of Country chapters (ii) organised several activities e.g. (2005-to date) <ul style="list-style-type: none"> a. Jan 2008. "Re-use of Domestic Wastewater for non-potable purposes with respect to Haroonabad, Pakistan" b. Aug 2007: E-seminar in "Dark Earth Soils used by the tribes of the Amazon" c. July 2007. Small scale systems for treatment and zero discharge of effluent from a community septic tank d. Feb. 2007. "From Field to Factory to Diesel Tank : Empowering Louisiana Agriculture" e. Oct 2006 on "Rehabilitation of degraded wastelands through vegetative measures" f. 2006: Internet Seminar on Organic Agriculture and Biofertilisers in Egypt g. 2006/2005: Forum on Urban Agriculture in Africa h. 2005: Internet Conf on Biotechnology and Bioengineering in Africa (June-July) i. 2005: E-Symposium on Phytoremediation and Water Purification with organiser from Cameroon j. 2005: E-Symposium on Biological Nitrogen Fixation with co-organiser from Senegal k. 2005: E-symposium on Economic aspects on the use of Biotechnologies and Bioengineering in Urban Agriculture by African Households .

Dates (From - To):	2004-2005
Employer:	Swedish Tibetan Society for School and Culture

	(www.tibet-school.org)
Position:	Volunteer
Key Responsibilities:	(i) project development on income generation by disadvantaged Tibetan youth
Key Achievements:	(i) prepared proposal for feasibility study using greenhouse technology in urban agriculture and vocational training;

Dates (From - To):	2003-2005
Employer:	Engineers without Borders http://www.inug.nu
Position:	Member
Key Responsibilities:	(i) Advise/discuss/organize water group activities and capacity building of group in Stockholm, structuring of the "network group", Develop project proposals
Key Achievements:	(i) Developed proposal with Dept of Land and Water, Royal Inst of Technology on Orongo's village food security and water capture/use project in Kenya

Dates (From - To):	2003-2003
Employer:	Moringa Growers Association (Kampala)
Position:	Volunteer
Key Responsibilities:	Advise and organize discussions
Key Achievements:	(i) use of moringa seed powder for drinking water clarification by rural households, (ii) development of other moringa-based products (vitamins, protein soup enrichment for children, process in drying leaves (iii) improvement of training courses for villagers

Dates (From - To):	2003-2003
Employer:	Life for All, Sweden
Position:	member of Board
Key Responsibilities:	(i) development of vision and strategic planning on access to drinking water resources projects

Dates (From - To):	2001-2002
Employer:	Flowers Growers Association (Western Samoa)
Position:	Volunteer
Key Responsibilities:	Advise/discuss making composts, and packaging

Dates (From - To):	1992
Employer:	Dept of Bacteriology, Karolinska Institute, Stockholm

Position:	Coordinator
Key Responsibilities:	Coordinate Diarrheal Disorder Network and its e-forum
Key Achievements:	Established e-forum network

Dates (From - To):	1992-95
Employer:	Science and Technology Advisory Council, Stockholm (STAC), Embassy of the Philippines, Stockholm
Position:	(i) President of STAC (ii) coordinator of STACnet
Key Responsibilities:	management and organizing activities
Key Achievements:	(i) organized various types of activities of the Stockholm Chapter, fundraising for street children and school in the Philippines (ii) Established and coordinated the Philippines Science and Technology Advisory Council Network (STACnet) and global activities; e-seminars (iii) Internet dialogue with President Ramos and his Cabinet on environment issues in the Philippines, (iv) Participant in the launching Internet connectivity to Philippines via Australia (1994)

Dates (From - To):	1980's-2004
Employer:	Biofocus Foundation, Stockholm
Position:	Member of Board (until 2002)
Key Responsibilities:	Supportive role in the foundation
Key Achievements:	(i) followed the process of its establishment since the 80s and activities. Actively co-organized various activities. Co-organise various activities and Member in the panel on computer mediated communications. (ii) Recent activity (2004): Internet Dialogue on "What If..." (iii) Participate in Biofocus Foundation-World Academy of Art and Science's Annual Biopolicy Seminars

Dates (From - To):	1984-2002
Employer:	UNESCO Microbial Resources Center, Karolinska Institut, Stockholm.
Position:	(i) Volunteer, (ii) Scientific Secretary (1976-1987); (iii) Director (1988-2002); (iv) co-director (since 2002),
Key Responsibilities:	(i) Overall administrative duties, support and organization of various activities, writing proposals, etc.

	(ii) Editor Editor of newsletter
Key Achievements:	<p>(i) 2003: Integrated Community Garden Network; an advocacy group for community/allotment gardens in developing countries for integrated use of bioresources by the poor</p> <p>(ii) 1993-1996: established and managed the Ecotechnology Network, organised activities, e.g. "Asian Regional Conference on Ecotechnology for Sustainable Development" (Beijing 1994) with the Chinese Academy of Sciences,); Internet Conference on Ecotechnology for Sustainable Development, etc.</p> <p>(iii) 1994 - Internet Conference on Ecotechnology for Sustainable Development,</p> <p>(iv) 1994: TV dialogue between Chinese Academy of Sciences and the Royal Swedish Academy of Engineering Sciences.</p> <p>(v) 1992-1995: established the Ecocity International Network, provided support and training, in cooperation with the Swedish Ministry of Environment and Natural Resources.</p> <p>(vi) 1992-95: Coordinate and manage Lactic Acid Bacteria Network (LABnet) activities, e-seminars, conference. Co-Editor of a book on Lactic Acid Bacteria</p> <p>(vii) 1989-94: Established Biological Nitrogen Fixation Network (BNFnet); cooperation and partnership with University of Helsinki; organised 1st and 2nd Internet Conference on Biological Nitrogen Fixation.</p> <p>(viii) 1984-1988: Established and managed Anaerobic Digestion MIRCEN Network (ADMnet), organised 6 biogas conferences, editor of newsletter, fund-raising</p> <p>(ix) 1984-86: Coordinator of UNESCO MIRCEN Network (MIRCENet) for about 32 centers all over the world, coordinated activities</p>

Dates (From - To):	1969-70
Employer:	Malaysian Student Association, Tiruchirapalli, India
Position:	Treasurer
Key Responsibilities:	Co-founder, member of organizing committee
Key Achievements:	<p>(i) co-organizing annual dinners and variety shows for distinguished guests from colleges,</p> <p>(ii) fund-raising for blind school</p>

IV. Qualifications & Training

Dates (From - To):	June 2007
Educational Institution	Sida Civil Society Center in Härnösand
Degree	Training Course (GEN 071) on "Gender Equality in Development Cooperation - Strategic and practical tools"
Content/Awards	<i>Module 1: Gender specific positions and situations - demands and consequences; Doing the possible within not gender specific projects</i> <i>Module 2 : Advocacy, Programme and Project Development and Management</i>

Dates (From - To):	Nov 2005 (1 month)
Educational Institution	Nacka Nature School - Velamsund, Saltsjö-Boo, Sweden
Degree	Informal training arranged by Nacka Kommun / Nacka Stadhus
Content/Awards	(i) Training on management of environmental pedagogic centers (EPC) (ii) Development of curriculum and courses (iii) Global Environmental Pedagogic Center Network (iv) Planning the expansion of the EPC Network into Indo-China

Dates (From - To):	1973-1974
Educational Institution	Osaka University / UNESCO
Degree/Certificate Received	"Post-Graduate Diploma in Applied Microbiology and Biotechnology"
Content/Awards	training and research on Fermentation and Microbial techniques

Dates (From - To):	1971-1973
Educational Institution	Indian Agricultural Research Institute, New Delhi
Degree/Certificate Received	Master of Agricultural Science
Content/Awards	Agricultural microbiology, and minor in plant pathology and diseases. Awarded Golden Jubilee Medal

Dates (From - To):	1967-1971
Educational Institution	St Joseph's College. Madras University, Tiruchirapalli, Tamilnadu, India
Degree/Certificate Received	Bachelor of Science
Content/Awards	Botany major and zoology minor. Graduated with 1st Class

Dates (From - To):	1966-1967
--------------------	------------------

Educational Institution	St Joseph's College. Madras University, Tiruchirapalli, Tamilnadu, India
Degree/Certificate Received	Pre-University Degree
Content/Awards	Natural Science with French as second language

Dates (From - To):	1960-1965
Educational Institution	Edward VII Secondary School, Taiping, Malaysia
Degree/Certificate Received	Senior School Certificate, "O" level
Content/Awards	Awarded by Cambridge University, UK

V. Professional Bodies

Current

1. World Academy of Art and Science (www.worldacademy.org; Fellow since 1996)
2. International Organization for Biotechnology and Bioengineering (www.iobborg.net/web) (General Secretary 2007-2008; Chairman 2004-2006),

Formerly

1. International Ecological Engineering Society
2. Advisory Council for Science and Technology, Stockholm Chapter

VI. Languages

Language(s)	Basic Knowledge		Working Knowledge		Fluent	
	Spoken	Written	Spoken	Written	Spoken	Written
Hokkien (mother tongue)	X					
English					X	X
Swedish	X					
French	(read)					
Bahasa Malaysia	X					

VII. References

	Referee 1	Referee 2
Name	Livia Alm	Carl Goran Heden
Job Title	Dr. (retired) currently acting as national contact person for technical cooperation with the Republic of China	Professor (retired) Karolinska Inst Former Director of the Biofocus Foundation
Capacity in which they know you	Via professional activities	Former professor and mentor
Address	Ringen 25 182 74 Stocksund Sweden	Solnakyrvagen 11 S 17164 Solna
Telephone Number	755 02 55 (fax) 070 755 1647	(08) 335700
Email	livia.alm@glocalnet.net	cgheden@swipnet.se

	Referee 3	Referee 4
Name	Kajsa Dahstrom	Horst Doelle
Job Title	President	retired Prof University of Queensland, Brisbane,
Capacity in which they know you	Volunteer at the Globetree Association (www.globetree.org)	~ Board of Directors for the UNESCO Microbial Resources Centres; ~ former Chairman (1996-2003) Intl Org for Biotechnology and Bioengineering
Address	Globetree Association Bergsgatan 2 (III), S-112 23 Stockholm, Sweden	Brisbane, Australia
Telephone Number	+46-8-692 6051 mobil: 073 997 0788	617-3714 9397
Email	kajsa@globetree.org	doelle@ozemail.com.au

I confirm that to the best of my knowledge the information provided in this document is true and correct and can be treated as part of my contract of employment.

Name: "Jacky" Eng-Leong Foo

Date: Jan 2009