

Curriculum vitae**THANUVELIL THOMAS PHILIP**

Date of Birth : 24, April 1957

Address: Office

Reader & Head, Dept. of Zoology, and
the Biotechnology Division
Union Christian College
Aluva 683 102
Kerala, INDIA
Telephone 91-0484-2609194; 2606492
Fax 0484-2607534

Address: Residence

"THANUVELIL
1/56A, U.C. College P.O.
Aluva 683 102
Kerala, INDIA
Telephone 91-0484-2606151

E-mail:pthanuvellil@yahoo.com

Education:

Postdoctoral Fellow (1991-1994) **Stress Physiology**. Department of Animal Science,
University of British Columbia, Vancouver, B.C., Canada.

Postdoctoral Fellow (1988-1991) **Molecular Parasitology**. Department of Zoology,
University of Guelph, Ontario, Canada.

PhD (1988) **Immunoparasitology**. Department of Zoology, University of Guelph, Guelph,
Ontario, Canada. "A" grade for Course Work.

MSc (1980) **Zoology with Entomology as Special Subject**. University of Calicut, Kerala,
India. **First Class and First Rank in the University**.

BSc (1978) **Zoology Main, Botany and Chemistry Subsidiaries**. University of Calicut,
Kerala, India. **First Class and Sixth Rank in the University**.

Awards:

Postdoctoral Fellowship (from the Canadian Bacterial Diseases Network), University of
British Columbia (1991-1994).

Postdoctoral Fellowship (from the Natural Sciences and Engineering Research Council of
Canada), University of Guelph (1988-1991).

University of Guelph Graduate Visa Student Scholarship (1984-1988).

University of Guelph Teaching Assistantship (1984-1988).

Government of India National Merit Scholarship, University of Calicut (1978-1980).

Certificates:

Techniques in Molecular Biology. University of British Columbia, Canada. (1992).

Radionuclide Safety and Methodology. University of British Columbia, Canada (1992).

Laboratory Biological Safety. University of British Columbia, Canada (1992).

Laboratories where special research techniques were conducted:

Lung Biology Center Laboratory, University of California, San Francisco, U.S.A. (Isoelectric
focusing, 2-dimensional SDS-PAGE; Analysis of Stress Proteins in HeLa cell line)

Department of Fisheries and Oceans Federal Laboratory, West Vancouver, B.C. Canada (Dot-
immunoblotting, DNA sequencing, Transgenics).

Fish nutrition laboratory, Department of Animal Science, University of Guelph, Canada (Deficient /
Supplemented Diet formulation).

Teaching Experience:

Lecturer in Zoology, Union Christian College, Aluva, Kerala, India (1980 to present).

Teaching/Taught *Cell Biology, Genetics, Microbiology, Immunology, Radiology,
Comparative Physiology, Biochemistry, Environmental Biology, Pathobiology,
Non-chordata, Chordata, Economic Zoology, Taxonomy, Evolutionary Biology* at
the undergraduate (BSc) and graduate (MSc) levels.

Instructor for the Graduate Course, "**Advanced Topics in Aquaculture**" (ANSC 580),

Department of Animal Science, University of British Columbia, Canada. Winter Session 1993-94, Term II..

Laboratory Instructor for the Undergraduate Course, "**Wildlife Parasitology**" (92-301), Department of Zoology, University of Guelph, Canada. (Winter Semester 1991, Winter Semester 1990, Fall Semester 1990).

Teaching Assistant, Department of Zoology, University of Guelph, Canada. (1984-1988). Taught *Invertebrate and Vertebrate Structure, Developmental Biology, Wildlife Parasitology*.

Publications:

In Refereed International Journals:	13 papers
In National Journals:	4 papers
Chapter in Reference Volumes:	1 (published from U.K.)

Presentations in International Meetings/Conferences:

Five presentations in Universities in U.S. A., Canada, and U.K.
Invited Speaker for 3 of the above.

Current research:

1. Early diagnosis of Alzheimer's disease using DNA fingerprinting
2. Nucleic acid and Autoantibody profiling with reference to Alzheimer's disease

Other Professional Activities:

PhD Supervisor, M.G. University (2006 onwards)
Coordinator for the International Seminar, **Molecular Basis of Diseases and their Diagnosis** (2006)
Resource Person, Refresher Course in Life Science, CUSAT (2004).
Resource Person, Refresher Course in Environmental Science, M.G. University (2003)
Resource Person, Refresher Course in Life Science, University of Kerala (2000).
Resource Person, Refresher Course in English, M.G. University (1999).
Resource Person, Indian Council of Agricultural Research-sponsored National Level Workshops for Researchers in Fisheries. CIFE, Mumbai (1999).
Resource Person, Refresher Course in Botany, M.G. University (1998).
Invited Lecturer for the Diploma Course in Nature Studies and Wildlife Management. Centre for Cultural and Ecological Studies, Union Christian College, Aluva (1998-99).
Invited Lecturer for the Diploma Course in Archaeology, Union Christian College, Aluva.(1999)
Invited Lecturer for topics in Evolutionary Biology. St. Joseph's Pontifical Seminary, Mangalapuzha, Aluva (1999 to present).
Invited Lecturer in several Colleges and Schools in Kerala.
Chairman/Deputy Chairman/Chief/Additional Examiner, Mahatma Gandhi University (yearly).
Chairman, Question paper setters, University of Calicut (1997-'98).
Additional Examiner, University of Kerala (1982-'83).
Life Member, Zoological Society of Kerala.
Member, Mar Thoma Higher Education Commission

Administrative Activities:

Bursar, U.C. College, Aluva (1 April 2008 to present)
Head, Department of Zoology, Union Christian College, Aluva (2003 to present).
Coordinator, MSc Biotechnology, Union Christian College, Aluva (2002 to present).
Coordinator for the University Grants Commission -- sponsored Vocational B.Sc. Course, *Biological Techniques and Specimen Preparation* (BT&SP) (2002 to present).
General Coordinator for Internal Assessment (Mahatma Gandhi University) in Union Christian College, Aluva (2002 to present)
Member, College Council, U.C. College, Aluva (2003 to present)
Secretary, Union Christian College Association, and Standing Council (2004-2005)
Member, Union Christian College Association, and Standing Council (2001-2002; 2002-2005,

2008-2011)

Member, Governing Board, U.C. College, Aluva (2002-2003; 2004-2005; 2008-2011)

Extra-professional Activities:

Organist and Choir Master, Union Christian College Choir, Aluva (1981 to present).

Organist and Choir Master, St. Peter's Mar Thoma Church, Aluva (1994 to present)

Life member, YMCA