

## **RAJ PHILOMIN**

**Education:** BS, St. Joseph College, India, 1964  
MS., Anatomy (Faculty of Medicine)  
Madras University, India, 1968  
PhD., Anatomy (Faculty of Medicine)  
Madras University, India, 1986  
MD, Madras University, India, 1988

**Residency:** Kilpauk Medical college, India, 1989

**Specialty** General Surgery

**Academic Positions Held:**

**1995 – present** Associate Professor, NYCC  
Department of Anatomy

**1992 – 1995** Research Associate  
Sinai Hospital, Baltimore, MD

**1982 – 1992** Associate Professor of Anatomy  
Medical college, Madras University, India

**1973 – 1982** Assistant Professor of Anatomy  
Medical college, Madras University, India

**1970 – 1973** Assistant Professor of Anatomy  
Medical college, Madurai University, India

**1969 – 1970** Lecturer in Anatomy  
Medical college, Madras University, India

**Teaching:**

**NYCC** **Lead**  
Visceral Anatomy, Lecture course  
Visceral Anatomy Lab Course  
System Physiology  
Histology, Lecture Course,  
Clinical Anatomy  
Developmental Pediatrics  
**Instructor:**

Gross I Anatomy  
Visceral Pathology  
Gross II Anatomy  
Histology Lab

**1982 – 1992**

For Medical, Dental, Pharmacy, Physiotherapy &  
Nursing Students  
Gross Anatomy (Human)  
Lecture - Human Embryology, Histology, Neuroanatomy ,  
Head, Neck, and Thorax  
Post-graduate lectures for Gastroenterologists,  
Endocrinologists, Orthodontists & Cardiologists

**1973 – 1982**

Gross Anatomy (Human)  
Lecture - Histology, Neuroanatomy, Abdomen, Pelvis  
Perineum, Human Embryology, Osteology  
Head & neck, Thorax, Upper & Lower Limbs.  
Lab - Neuroanatomy, Abdomen, Pelvis  
Perineum, Histology

**1970 – 1973**

For Medical & Pharmacy Students  
Gross Anatomy (Human)

**1969 – 1970**

For Medical Students  
Gross Anatomy ( Human )  
Lecture - Abdomen, Pelvis  
Perineum, Neuroanatomy and Histology,  
Human Embryology  
Lab – Extremities Anatomy, Thorax  
Lecture – Head & neck,  
Histology  
Neuroanatomy  
Lab – Head & neck, Histology, Neuroanatomy

**Research**

PhD Thesis – Some aspects of irrigation of Intermediate  
Pituitary Gland.

“Is the pituitary cleft a mere vestigial lumen? Negative  
morphological evidences” Paper presentation  
at Anatomical Society of India,  
Annual Conference, 1985  
Department of Basic Sciences,  
Madras University, India

Abnormal Right Subclavian Artery  
Paper presentation  
Research Symposium at NYCC, 1998

Variation of Left Vertebral Artery – A Case Report  
Research Symposium, NYCC, January 31, 2002

**Research in Progress**

Distribution of cystic artery in human cadavers.

Variations in the morphology of first part of vertebral artery.

Hydronephrosis associated with inferior polar artery.

Unilateral fused kidney.

Unilateral ectopic kidney

Morphological variations in cystic artery

**Research interest**

Hormonal cytochemistry

**Abstracts**

Synthesis & secretion of alphafeto protein regulation by insulin.

Effects of motility stimulant on sperm movement  
rapid progesterone assay

Comparison – RIA & EIA for serum estradiol & lutenizing hormone.

Synthesis & secretion of alphafeto protein by hepatoma cells.

Comparison of sperm prep. Column method with Percoll for isolation of motile human sperms

**Membership**

American Association of Clinical Anatomists  
TamilNadu Medical Association  
Indian Medical Association  
Tamilnadu Diabetic Association  
Anatomical Society of India