

# CURRICULUM VITAE

VISHNU SUPPIRAMANIAM, D.V.M., M.S., Ph.D.

**CITIZENSHIP:** U.S.  
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## EDUCATION:

Madras Veterinary College, Madras India  
*B.V.Sc. (D.V.M.), 1985*  
Auburn University, Auburn, Alabama  
*M.S. (Pharmacal Sciences) 1989*  
Auburn University, Auburn, Alabama  
*Ph.D. (Biomedical Sciences) 1993*  
Tuskegee University, Alabama  
*D.V.M, (Clinical Residency) 2000*

## POSITIONS:

2003 – present Associate Professor, Department of Pharmacal Sciences  
Harrison School of Pharmacy, Auburn University, Auburn,  
Alabama 36849.

2001- 2003 Assistant Professor, Department of Pharmacal Sciences  
Harrison School of Pharmacy, Auburn University, Auburn,  
Alabama 36849.

1998 – 2000 Associate Professor, Department of Biology, Tuskegee  
University, Tuskegee, Alabama 36088.

1995 – 2000 Director, Neuroscience Laboratories, Department of Biology,  
Tuskegee University, Tuskegee, Alabama 36088.

1993-1998 Assistant Professor, Department of Biology, Tuskegee  
University, Tuskegee, Alabama 36088.

1989-1993 Lecturer- Research Assistant. Department of Biology,  
Tuskegee University, Tuskegee, Alabama 36088.

- 1987-1989 Graduate Research Assistant. Department of Pharmacal Sciences Harrison School of Pharmacy, Auburn University, Auburn, Alabama 36849.
- 1988 -1989 Laboratory Instructor, Department of Physics, Auburn University, Auburn, Alabama 36830.
- 1988 – 1988 Biology Tutor, Athletics Department, Auburn University, Auburn, Alabama 36830.
- 1987 – 1987 Research Fellow, Department of Physiology, Kilpauk Medical College, Madras, India.
- 1986-1986 Assistant Director-Project Officer. Heifer project International (UNESCO), Madras Christian College, Madras 600031, India.
- 1985 -1986 House Surgeon. Madras Veterinary College, Vepery, Madras 600007, India.

**WORK LOAD DISTRIBUTION (AUBURN UNIVERSITY)**

<b>Year</b>	<b>Teaching (%)</b>	<b>Research (%)</b>	<b>Clinical Practice (%)</b>	<b>Service (%)</b>
<b>2008 - 2009</b>	55%	40%	0%	5%
<b>2007 - 2008</b>	60%	35%	0%	5%
<b>2006 – 2007</b>	65 %	30 %	0 %	5 %
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**FELLOWSHIPS:**

- 1993 - 1995 Kellogg Fellow, Tuskegee University
- 1995 Summer Research Fellowship, Marine Biological Laboratory, Woods Hole, Massachusetts.
- 1997 National Science Foundation Fellowship, “Teaching Neuroscience for Undergraduates” Cornell University, Ithaca, New York.
- 1998 Summer Research Fellowship, Marine Biological Laboratory, Woods Hole, Massachusetts.

2006 – 2007 American Association of Schools of Pharmacy (AAP) -  
Leadership Fellow.

## GRANTS AND CONTRACTS:

### Extramural Grant: (completed)

“Nerve Growth Factor signaling in p62 knock out mouse”

*Collaborator: Vishnu Suppiramaniam, Principal Investigator: Marie Wooten*

Vishnu Suppiramaniam, direct cost: \$ 36, 000. 00

Agency: NIH/NINDS Period: 3/1/2005-2/28/2008 **Amount: \$ 1,100,000**

“Assessment of the developmental teratogenicity of nicotine: pharmacological  
intervention by nootropic drugs”

*Co-Investigator: Vishnu Suppiramaniam Principal Investigator: Charles Breese*

Vishnu Suppiramaniam, direct cost: \$ 91, 000. 00

Agency: Philip Morris Period: 5/1/03-4/30/06 **Amount: \$ 795,771**

“Modulation of Glutamate AMPA Receptor by Polysialic Acid”

*Principal Investigator: Vishnu Suppiramaniam* Number: GM008091

Agency: NIH/NIGMS Period: 06/1/2002-05/30/2006 **Amount: \$ 820, 000**

(Move to Auburn University – Funds not transferred)

“In vitro modeling of olfactory neurons”

*Principal Investigator: Vishnu Suppiramaniam*

Agency: NIH/NIGMS Period: 06/1/1998-5/31/2002 **Amount: \$ 400, 000**

“Modulation and Characterization of Glutamate (AMPA) receptors”

*Principal Investigator: Vishnu Suppiramaniam* Number: NS 02018

Agency: NIH Period: 10/1/97-9/30/02 **Amount: \$ 391, 000**

“Functional Reconstitution of AMPA Receptors in Bilayers”.

*Principal Investigator: Vishnu Suppiramaniam* Number: GM-080906

Agency: NIH/ Period: 04/1/1995 - 05/1/1998 **Amount: \$209, 000**

“Initiative for Minority Students: bridges to the Doctoral degree”.

*Co-Investigator: Vishnu Suppiramaniam Principal Investigator: Louise DeFelice*

Agency: NIH, NIGMS Period: 01/13/99 **Amount: \$320, 000**

“Instrumentation for Enhanced Discovery and Learning in Biotechnology”.

*Co-Investigator: Vishnu Suppiramaniam Principal Investigator: C.S. Prakash*

Number: DAAG55-97-R-BAA5

Agency: Army Research Office Period: 02/1/1998 **Amount: \$400,000**

“Research Apprentice Program” (REAP)  
*Principal Investigator: Vishnu Suppiramaniam*  
Agency: Army Research Office    Period: 06/01/1998    **Amount: \$ 5000**

“Research Apprentice Program” (REAP)  
*Principal Investigator: Vishnu Suppiramaniam*  
Agency: Army Research Office    Period: 06/01/1997    **Amount: \$ 5000**

“Research Apprentice Program” (REAP)  
*Principal Investigator: Vishnu Suppiramaniam*  
Agency: Army Research Office    Period: 06/01/1996    **Amount: \$ 5000**

“Research Apprentice Program” (REAP)  
*Principal Investigator: Vishnu Suppiramaniam*  
Agency: Army Research Office    Period: 06/01/1995    **Amount: \$ 5000**

Intramural Grants: (completed)

“Induction of lysosomal dysfunction in hippocampal neurons: A model to investigate Alzheimer’s disease”  
*Principal Investigator: Vishnu Suppiramaniam*  
Agency: Auburn University    Period: 5/1/02-4/30/04    **Amount: \$ 40,126**

“Role of glutamatergic function on nicotinic receptor regulation”  
*Co- Investigator: Vishnu Suppiramaniam    Principal Investigator: Charles Breese*  
Agency: Auburn University    Period: 5/1/02-4/30/04    **Amount: \$ 47,468**

“Thiazolidinediones rescue impaired AMPA receptor-mediated transmission in STZ-diabetes”  
*Principal Investigator: Vishnu Suppiramaniam*  
Agency: Auburn University    Period: 5/1/07-4/30/09    **Amount: \$ 29, 252**

“Sildenafil (Viagra) in Alzheimer’s Disease”  
*Co-Investigator: V. Suppiramaniam    Principal Investigator: M. Dhanasekaran*  
Agency: Auburn University    Period: 5/1/07-4/30/09    **Amount: \$ 10, 000**

“Neuroprotection against Environmental neurotoxins”  
*Co-Investigator: V. Suppiramaniam    Principal Investigator: M. Dhanasekaran*  
Agency: Auburn University    Period: 2006    **Amount: \$ 3, 000**

Pending:

“PSA Regulates Synaptic Plasticity by Modulating Extrasynaptic NR2B-NMDA receptors”

*Principal Investigator: Vishnu Suppiramaniam*

Agency: NSF      Period: 2010- 2013

**Amount: \$ 365, 000**

“Brain Toxicity of Nanoparticle Mixtures”

*Principal Investigators: Vishnu Suppiramaniam & Ram Gupta*

*Vishnu Suppiramaniam:*

*Direct cost: Year 1: \$125, 000, indirect: \$ 57, 500    Total: \$ 182, 500*

*Direct cost: Year 2: \$24, 856 indirect: \$ 11, 309      Total: \$ 182, 500*

Agency: NIH-R01    Period: 2010- 2012

**Amount: \$ 730,000**

“Evaluation of neuroprotective mechanisms of Bacopa in Alzheimer’s disease”

*Co-Investigator: V. Suppiramaniam    Principal Investigator: M. Dhanasekaran*

*Vishnu Suppiramaniam; direct cost: \$ 125, 000*

Agency: NIH-R21    Period: 2010 – 2012

**Amount: \$ 250, 000**

#### **AWARDS AND HONORS:**

- 2006                      Innovative Research Award in Neuroscience – Technological Advances in Science, Medicine & Engineering Conference, Guelph, Ontario, Canada. July 2006.
- 2000                      Outstanding Faculty Performance Award for Research, Tuskegee University. March 14, 2000.
- 1999                      National Institutes for Health Award for the "Bridges to the Doctoral Degree Program", Tuskegee University, January 13, 1999.
- 1998                      National Science Foundation Award for the Enhanced Discovery and Learning in Biotechnology, Tuskegee University, February 1998.
- Outstanding faculty performance award, Tuskegee University, Tuskegee, Alabama, March 1995.
- 1993                      Award for Academic Excellence, School of Veterinary Medicine, Auburn University, March 1993.
- 1992                      Award for Academic Excellence, School of Veterinary Medicine, Auburn University, March 1992.
- 1991                      Graduate Research Assistantship, School of Veterinary Medicine, Auburn University, January 1991.

- 1987 Graduate Research Assistantship, School of Pharmacy, Auburn University, January 1987.
- 1986 Research Fellowship Award, Indian Council for Medical Research. Kilpauk Medical College, Madras, India. January, 1986.
- 1985 Research Fellowship Award, Heifer Project International, UNESCO. April 1985.

**SERVICES:**

Auburn University:

- 2003 – 2006 Biogrant Committee.
- 2004 – 2007 Patent and Invention Committee.
- 2005 – 2008 Faculty Dismissal Committee
- 2009 Search Committee - Associate VP for Research

Auburn University School of Pharmacy:

- 2002 – 2005 Member, Committee on Admissions & Academic Regulation
- 2001- 2004 Awards committee, School of Pharmacy
- 2001 – 2008 Member, Building Renovation Committee
- 2005- 2008 Member, Professional Educational Committee
- 2006- 2008 Section Chair/Member, Strategic-planning Committee
- 2006 – 2007 Member, learning and teaching assessment Committee
- 2005 – 2007 Pharmacal Sciences, Department Head, Search Committee
- 2005 – present Associate Dean for Research Search Committee
- 2002 – 2006 Faculty Search committee, Pharmacy Practice

Auburn University School of Pharmacy, Department of Pharmacal Sciences:

- 2002- present Faculty Search committee, Pharmacal Sciences
- 2007 Graduate Curriculum Committee

Tuskegee University

- 2000 University Senate Representative.
- 1997 - 2002 Animal Care and Use Committee.
- 1995 - 2000 Mentor – Minority Biomedical Research Support Program
- 1997 - 2000 Graduate Admission Committee - Biology Department
- 1997 - 2000 Curriculum Development committee - Biology Department
- 1998 - 2000 Chair, Web Home page Committee - Biology Department

Sponsorship of Student Activities:

Auburn University:

2001 – 2003      Advisor to Student National Pharmaceutical Association (SNPhA).

Tuskegee University:

1997 – 2000      Student summer research activities - Established collaboration with Vanderbilt University and Cornell University to accept Biology students for research training in Neuroscience.

1997 – 2000      Established Collaboration with Boys-Town National Research Hospital, Omaha, Nebraska, to accept Biology majors (Tuskegee University) for pre-doctoral fellowship program in Neuroscience.

Supported more than Forty undergraduate, graduate students and high school summer trainees in various research projects in neuroscience.

1994-1997      Summer Research Training for High School Students at Tuskegee Neuroscience Laboratory under Research Apprenticeship Program (REAP) by Army Research Office.

**Editorial Duties:**

Editorial Board Member:

2007 – present      Journal of Molecular Biology and Biotechnology  
2009                    World Journal of Biological Chemistry.

Invited Reviewer:

2001 – present      Journal of Neuroscience Research  
2000 - present      Synapse  
2006 – present      Neuropharmacology  
2007 – present      Phytotherapy Research  
2007 – present      Life Sciences  
2007 - present      Trends in Medical sciences  
2008 – present      Neuroscience  
2008 - present      Brain research Bulletin

2009 - Journal of Neuroscience

Grant reviewer:

- 2009 Grant reviewer, NIH challenge grants Cell Biology Integrated Review Group (CB IRG), June 12, 2009.
- 2008 Ad-hoc Grant reviewer, National Institutes for Environmental Health Sciences (NIH/NIEHS), Nov 11-12, 2008.
- 2004 Ad-hoc Grant reviewer, National Institutes for General Medical Sciences (NIGMS/NIH), June 17-19, 2004.
- 2003 – 2006 Auburn University, Biogrant Committee Member – Auburn University.
- 2001 – 2002 Morehouse college, Biological Sciences Research proposal reviewer.

Professional Societies:

- Member, American Association for the Advancement of Science (1997-1999)  
Member, Society for Neuroscience (1995 – present)  
Member, New York Academy of Science (1997 – 1999)  
Member, Alabama Academy of Science (1999)  
Member, Sigma XI Scientific Research Society (1989 – 1991)  
Member, National Council for Academic Advisors (1999)  
Executive Officer, NAT Bioscience & Technology Conference (1997 – present)  
Member, Indian Science Congress (1987- 1989)

International Committees:

- 2009 Section Chair, Technological Advances in Science, Medicine & Engineering Conference, Toronto, Ontario, Canada, July 2009.
- 2008 Section Chair, Technological Advances in Science, Medicine & Engineering Conference, Toronto, Ontario, Canada, July 2008.

- 2007 Section Chair, Technological Advances in Science, Medicine & Engineering Conference, Guelph, Ontario, Canada, July 2007.
- 2005 Section Chair, Technological Advances in Science, Medicine & Engineering, Ontario, Canada, July 2005
- 2004 Chair, program committee, Technological Advances in Science, Medicine and Engineering, Toronto, Ontario.
- 2004 Invited Resource Personnel for the International Society for Neurochemistry, August 2004, Kandi Srilanka
- 2002 – present Member of the Board of Directors, Tamil Academy for Advancement of Science.
- 2002 Appointed Section Chair of the Technological Advances in Science, Medicine & Engineering Conference, Ontario, Canada July 5-6, 2002.
- Invited to host a half an hour program on "Asian Television Network" on Early Neuropathogenesis of Alzheimer's Disease, Ontario, Canada, June 11, 2002.
- 2001 Appointed as the executive member of the organization committee for the Technological Advances in Science, Medicine & Engineering Conference, Ontario, Canada, July 7, 2001.
- 2000 Invited to co-chair the Bioscience & Technology Conference Ontario, Canada, July 3-4, 2000.
- 1999 Appointed member of the executive committee for the Bioscience & Technology Conference Ontario, Canada, July 7-8, 1999.
- 1998 Appointed co-chair of the North American Biomedical Conference, Ontario, Canada, June 4-5, 1998.
- 1997 Member, organizing committee, North American Bioscience and Technology Conference, Guelph, Ontario.

Appointed as the executive officer of the North American Biomedical Conference, Ontario, Canada, July 3-4, 1997.

Media Coverage of Research:

2006 (November)	Press Release Conference, Atlanta, GA.
2005 (October)	Press release Conference, Washington DC.
2002 (July)	Asian Television Net work, Ontario, Canada.
1999 (June)	North Carolina Public Television.

Consultant services:

1997 – 2004	Consultant and Scientific advisor to North American Biomedical Conference, Guelph, Canada.
1999 – 2000	Consultant - Boys-Town Research Hospital at Omaha, Nebraska.
1997 – present	Research Consultant to Cortex Pharmaceutical at Irvine, California.
2005 – present	Consultant and member of the Board of Directors: Tamil Association for Advancement of Science. Non-profit organization based in British Columbia, Canada.

**INVITED LECTURES:**

2009 (July)	Hospital for Sick Children, University of Toronto, Canada. "Integrin linked kinases, AMPA receptors and memory"
2008 (November)	Duke University, Durham, North Carolina. "Direct modulation of synaptic AMPA receptor currents by Alzheimer's peptide AB <sub>1-42</sub> ".

- 2008 (July) Western University of Health Sciences, Pomona, California. "Polysialic acid, NMDA receptors and synaptic plasticity"
- 2008 (July) Hospital for Sick Children, University of Toronto, Canada. "Sildenafil and synaptic plasticity"
- 2007 (January) University of Melbourne, Australia  
"Is Viagra a memory enhancer?"
- 2007 (July) Technological Advances in Science, Medicine & Engineering, Ontario, Canada. "An AMPA receptor modulator ameliorates synaptic deficits in a slice model of AD".
- 2006 (March) University of Connecticut, Health Science Center, Farmington, Connecticut. "An animal model of type I diabetes exhibits AD pathogenesis"
- 2006 (July) Technological Advances in Science, Medicine & Engineering, Ontario, Canada. "Aniracetam ameliorates learning and memory deficits due to prenatal alcohol exposure".
- 2005 (July) Technological Advances in Science, Medicine & Engineering, Ontario, Canada. "Prenatal alcohol exposure and AMPA receptor mediated synaptic disruption".
- 2004 (July) Asian Television network, Toronto, Ontario, Canada. "Modifications in brain function during early Alzheimer's disease"
- 2004 (July) Technological Advances in Science, Medicine & Engineering, Ontario, Canada. "Prenatal nicotine exposure and glutamatergic synaptic neurotransmission".
- 2003 (July) Technological Advances in Science, Medicine & Engineering, Ontario, Canada. "Diabetes induced memory loss in STZ- diabetic rats".
- 2003 (December) University of Peradenya, Kandy, Sri Lanka. "Single channel recordings from synaptic AMPA receptors".

- 2002 (July) Technological Advances in Science, Medicine & Engineering, Ontario, Canada. "A hippocampal slice model for acute AD".
- 2001 (July) Health Science Center, University of Western Ontario, Canada. "Lysosomal disruption and early events of AD"
- 2001 (July) Bioscience & Technology Conference, University of Guelph, Ontario, Canada. "NACM-PSA, AMPA receptor and synaptic strengthening".
- 2001 (December) Indian Institutes of Science, Bangalore, India. "Polysialic acid modulates channel properties of synaptic AMPA receptors".
- 2000 (March) American Society for Neurochemistry, Chicago. "Modulation of channel properties of AMPA receptors by a nootropic compound"
- 1999 (April) School of Veterinary Medicine, Tuskegee University, Alabama. "Heparin modulates binding and channel properties of AMPA receptors"
- 1999 (March) Alabama Academy of Science, Athens, AL. "Teaching neuroscience to undergraduates using Description, Simulation and Application methodology"
- 1999 (March) Morehouse School of Medicine, Atlanta, GA. "AMPAkines modulate single channel properties of synaptic AMPA receptors"
- 1999 (July) North American Biomedical Association, University of Guelph, Ontario, Canada. "AMPAkines promote interactive channel gating of AMPA receptors".
- 1998 (December) Hospital for Sick Children and University of Toronto, Ontario, Canada. "Glycosaminoglycan interaction with AMPA receptors alters synaptic strength".
- 1998 (October) Specialized Neuroscience Research Program. Workshop, National Institute for Neurological Disorders and Stroke at NIH. Bethesda, Maryland.

- 1998 (July) North American Biomedical Association, University of Guelph, Ontario, Canada. "Heparin modulates binding and channel properties of AMPA receptors".
- 1998 (February) Boys-Town Research Hospital, Omaha, Nebraska. "Development of a specialized neuroscience program in an underrepresented minority institution".
- 1997 (July) North American Biomedical Association, University of Guelph, Ontario, Canada. "Interactive channel gating of AMPA receptors: a novel mechanism for synaptic strengthening".

## **TEACHING:**

### Auburn University Harrison School of Pharmacy:

COURSES DEVELOPED in collaboration with the faculty members of Pharmacal Sciences: (Graduate Courses)

- Integrated Organ System Pharmacology I
- Integrated Organ System Pharmacology II
- Cellular & Molecular Pharmacology I
- Cellular & Molecular Pharmacology I

### COURSES TAUGHT:

- Drugs & Diseases II (PYDI 5100)  
2007 Spring - present  
Adrenergic dysregulation, depression, bipolar disease, migraine
- Drugs & Diseases III (PYDI 5200)  
Summer 2006-present  
Anxiety, insomnia, epilepsy & diabetes
- Drugs & Diseases IV (PYDI 5300)  
Fall 2006-2008  
Hypertension, coronary artery disease, myocardial infarction
- Principals of Drug Action II (PYPS 5220)  
January 2001-2006  
Serotonergic & GABAergic systems.
- Human Pathology (PYPP 5260)  
August 2002 - 2004

Pathophysiology of cardiovascular systems.

- Pharmacotherapy Modules (PYDI 5360-5530)  
January 2000-2002  
This is an interdisciplinary course that integrates basic sciences, socio-behavioral sciences & clinical pharmacy practice. This team-taught course is developed and taught by faculty from all three disciplines. Web based presentations, small & large group facilitation, and case based teaching are utilized.
- Infectious Disease Module (PYPD 5520)  
Fall 2001
- HORD Module (PYPD 5510)  
Fall 2001  
Large group facilitation
- Cardiology Module (PYPD 5410)  
Fall 2004  
Large and small group facilitation
- Special Problems (PYPS 5900)  
Spring 2001 - present  
Discussion on neuropathology of Alzheimer's disease

Utilized interactive computer simulations to demonstrate basic concepts in neurophysiology.

- Special Problems (PYPS 7900, 8900)  
Spring 2001 – present  
Discussion of literature related to graduate student research that includes synaptic dysfunction during aging and in conditions like Alzheimer's disease, Parkinson's disease and Schizophrenia.
- Special Problems (PYPS 7900, 8900)  
Spring 2001 - present  
Group discussion on graduate student research  
"Read & critique" journal articles  
Lectures on "strategies for effective presentation"
- Pharmacology II (PYPS 6320)  
Spring 2001 – present
- Neuropharmacology (PYPS 7300) & Neuropharmacology of Drug abuse (PYPS 7360) Fall 2001 – present

- Pharmacology Research Methods (PYPS 7330)
- Spring 2002 – present  
Lectures on receptor physiology and electrophysiology of the neuron  
Provided hands on laboratory sessions on brain slice, slice cultures, neuronal and single receptor electrophysiology and behavioral techniques.  
Provided comprehensive training on data analysis
- Pharmacology I, II, & III (PYPS 6010, 6020 & 6030)
- Spring 2002 – present

Tuskegee University, Department of Biology:

**COURSES DEVELOPED:**

- Neurobiology (Biology 315)  
Fall 1994 – Fall 2000  
Undergraduate lecture laboratory courses that utilizes the Description, Simulation and Application (DSA) technique that I developed. The simulation serves as a bridge between classroom lectures and hands on laboratory work.
- Neuroscience (Biology 596)  
Fall 1994 – Fall 2000  
Graduate lecture laboratory courses that utilizes the DSA technology  
Lectures includes neuroanatomy and neurophysiology  
Developed a laboratory manual for this course

**COURSES TAUGHT:**

- General Biology (Biology 111 & 112)  
Fall 1993 – Fall 1995
- Organismic Biology (Biology 120)  
Summer 1994 – Summer 1995
- Cell & Genetic Biology (biology 230)  
Fall 1994 – Fall 1998
- Computer Assisted Program for teaching Neuroscience Laboratory
- Used the computer programs "Neurosim" and "Neuron" for understanding the electrophysiology of the nerve cell. This program is used in the laboratory component of the two new neurobiology courses that I have introduced. The courses are:
- Biology 596 (Neuroscience)
- Biology 315 (General Neurobiology)

**THESIS AND DISSERTATION COMMITTEES:**

Auburn University, Department of Pharmacal Sciences:

PhD in Pharmaceutical Sciences (Chair/Co-chair)

Thirumalini Subramaniam, PhD <i>(Currently at Cornell University)</i>	(2001- 2005)
Patrick Kanju, PhD <i>(Currently at Duke University)</i>	(2001- 2005)
Nayana Wijayawardhane, PhD <i>(Currently at University of Sri Lanka)</i>	(2004 - 2007),
Catrina Sims, PhD <i>(Currently at University of Michigan)</i>	(2005 - 2008),
K. Parameshwaran, Ph.D. <i>(Currently at Auburn University)</i>	(2003 - 2008)
Subramaniam Uthayathas, Ph.D. <i>(Currently at Emory)</i>	(2005 - 2009)
Brian Shonesy, Ph.D. <i>(Currently at Vanderbilt University)</i>	(2006 - 2009)
Senthilkumar Shanmugam, Ph.D. <i>(Currently at Johns Hopkins)</i>	(2006 - 2009)
Bessy Thrash	(2005 - 2009)
Karikaran Thiruchelvam	(2006 – present)
Sibel Ilbasemis-Tamer	(2006 – present)
Engy A. Abdel-Rahman	(2008 – present)
Manal Abubaid	(2009 – present)

PhD in Pharmaceutical Sciences (Committee Member)

Hui Min Chan Ph.D. (2003-2008) – Pharmaceutical Sciences  
Sanjay Birru, Ph.D. (2000-2005) – Pharmaceutical Sciences

PhD in Other Programs (Committee Member)

Amul Thottae, PhD (2000-2005)	- Chemical Engineering
Kelly Banna, PhD (2002–2007)	- Psychology
Jianjong Jang, PhD (2004 – 2008)	- Biological Sciences
Hui Gao	- Biomedical Science
Melinda Hemingway	- Chemical Engineering
Prithivi Raj	- Entomology
Ming Zhen	- Biological Science

MS in Pharmaceutical Sciences (Chair)

Zhan Wang	(2001-2003)	- Chair
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MS in Biological Sciences (Committee Member)

Amy Muncaster	(2005 – 2007)
Michael Carra	(2005 – 2007)
Kelly Banna	(2003 – 2007)

Tuskegee University, Department of Biology:

MS in Biology (Chair)

Thiru Subramaniam	1999 – 2002
Patrick Kanju	1999 – 2002
Mr. Elgin Green	1999 – 2002
Lynnee January	1998 – 2001
Vinson Barnes	1998 – 2001
Verneshia Robinson	1998- 2001
Antonio Bowens	1998 – 2001
Solomon Yilma	1997 – 2000
Zenoria Causey	1994 – 1997
Lorraine McCall	1994 – 1997
David Ware	1994 - 1997

**THESIS AND DISSERTATION COMMITTEES:**

MS in Biology (Committee Member)

Quinee Brown	1999
Dorothy Wallaby	1996
Annie Gamil	1996
Erman Munir	1995
Sheryl Thompson	1994

**Other Professional Trainees:**

Professional (Doctor of Pharmacy) Student Trainees:

Susan Duggins: 2001 - 2002.  
Michael Smith: 2002 - 2003.  
Tara Smith: Project: 2002 - 2003.  
Victor Hunt: August: 2004.  
Lance Eiland: 2005.  
Virginia Robertson: 2004 - 2005.

Post Doctoral Trainees:

Dr. Kollappa Prem Kumar	1997 - 1998
Dr. K. Parameshwaran	2008 - 2009
Dr. Xiong Wu (visiting scientist)	2009

Undergraduate Research Trainees: 27 students (Since 1994)

GRDUATE STUDENT AWARDS & HONORS:

2009 Mr. Thiruchelvam was invited to Chair the “receptor and ion channel” section in the annual meeting of the Society for Toxicology, Baltimore, Maryland. March 2009

Mr. Thiruchelvam received a travel award to present a talk on “prenatal nicotine exposure and the mechanism of memory loss” at the international Neurotoxicology Association, Jerusalem, Israel, July 2009.

Mr. S. Shanmugam has been elected to Who’s Who Among Students in American Universities and Colleges.

Mr. Brian Shonesy was selected as an out standing graduate student of Harrison School of Pharmacy.

2008 Mr. S. Uthayathas was selected as one of top 10 graduate students at Auburn University. March 2008.

Mr. S. Shanmugam was selected as an out standing graduate student of Harrison School of Pharmacy.

- Mr. S. Uthayathas has been elected to Who's Who Among Students in American Universities and Colleges.
- 2007 Mr. K. Parameshwaran was selected as one of top 10 graduate students at Auburn University. March 2007.
- Mr. K. Parameshwaran won 2<sup>nd</sup> place in poster presentation at the Graduate Student Forum, Auburn University, March 2007.
- Dr. Nayana Wijayawardhane won 1<sup>st</sup> place in oral presentation at the Graduate Student Forum, Auburn University, March 2007.
- 2006 Dr. Nayana Wijayawardhane won 1<sup>st</sup> place in oral presentation & 3<sup>rd</sup> place in poster presentation in Auburn University graduate student forum, March 2007.
- Ms. Catrina Sims received was selected as one of top 10 graduate students at Auburn University. March 2006.
- 2005 Mrs. Thiru Vaithianathan was selected as one of top 10 graduate students at Auburn University. March 2005.
- 2004 Mr. K. Parameshwaran received an Invitation from the editor of the Neurobiology of Lipids journal to submit a research article based on his presentation at the International Alzheimer's Disease Symposium. July 19, 2004.
- Ms. Thiru Vaithianathan won the 3<sup>rd</sup> place in Auburn University graduate student forum. March 2004.
- Undergraduate student Ms. Catrina Sims received Cell & Molecular Biology Summer Research Fellowship. May 2004
- 2003 Thiru Vaithianathan won the 3<sup>rd</sup> place in Auburn University graduate student forum, March 2003.
- Ms.Thiru Subramaniam elected to join the National science honor society "Beta Kappa Chi" as a member of Tuskegee University.
- Ms. Thiru Subramaniam is listed in the Dean's list, honoring American outstanding collage students, 2000-2001.

- 2001 Graduate Student (Thiru Subramaniam) won the best presentation award at the annual symposium of the School of Veterinary Medicine, Tuskegee University. March 15, 2001.
- 2000 Ms. Thiru Subramaniam awarded the certification of achievement for obtaining highest grade point average in the class. April 25, 2000.
- Ms. Thiru Subramaniam was awarded certification of achievement for outstanding work in Neuroscience Graduate student.
- 1998 Mr. Solomon Yilma won the first place for Sigma -Xi poster presentation, Tuskegee University, March 1996.
- 1997 Mr. Solomon Yilma won the summer research fellowship to Vanderbilt University School of Medicine - June 1997.
- Mr. Solomon Yilma won the third place for Sigma-Xi oral presentation, Tuskegee University, March 1996.
- 1996 Ms. Xenoria Causey won the second place for Sigma-Xi poster presentation, Tuskegee University, March 1996.
- Ms. Lauren McCall won the second place for Sigma-Xi oral presentation, Tuskegee University, March 1996.
- Mr. Solomon Yilma won the summer research fellowship to University of Washington - June, 1996.
- 1995 Mr. Solomon Yilma won the first place for oral presentation, Tuskegee University, March 1996.
- Mr. Solomon Yilma won the summer research fellowship to Children's Hospital at Harvard University Medical School. June, 1995.
- 1994 Graduate student (David Ware) won the summer research scholarship to Michigan State University, June - August 1994.
- Undergraduate student (Solomon Yilma) won the summer research scholarship to New York University - June 1994

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