

CURRICULUM VITAE

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PLACE OF BIRTH: Atlanta, Georgia

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WEB SITES

<http://www.juliemavity-hudson.net/>
<http://www.psy.vanderbilt.edu/faculty/Casagrande/CasagrandeLab/index.htm>

EDUCATION

1971-1972 Wesleyan College, Macon Georgia
1974-1975 State University of West Georgia, Carrollton Georgia
1978-1980 University of Tennessee, Nashville, Tennessee
1980-1981 Volunteer State Community College
1980-1982 Tennessee State University
1982-1990 Nashville State Technical Institute

WORK EXPERIENCE

2005-Present Lab Manager, Dept. of Cell & Developmental Biology, Vanderbilt University

1990-2005 Research Assistant III, Dept. of Cell & Developmental Biology, Vanderbilt University
1984-1990 Research Assistant II, Dept. of Cell & Developmental Biology (formerly Anatomy)
1982-1984 Research Assistant II, Dept. of Pharmacology, Vanderbilt University
1981-1982 Research Assistant I, Dept. of Pharmacology, Vanderbilt University
1980-1981 Research Assistant I, Dept. of Infectious Diseases, Vanderbilt University
1979-1980 Research Assistant I, Dept. of Pharmacology, Vanderbilt University
1978-1979 Special Police Commissioned Officer, University of Tennessee, Nashville
1977-1978 Special Police Commissioned Officer, Opryland USA
1975-1977 Animal Technician, Opryland USA
1973-1975 Paraprofessional Teacher, Title I Program, Dept. of Education, Walker Co. Georgia
1972-1973 Veterinary Technician, LaFayette Georgia
1971-1972 Library Assistant, Wesleyan College, Macon GA

ADMINISTRATION AND COMMITTEES: NATIONAL

The Gesneriad Society (formerly American Gloxinia and Gesneriad Society):

1st Vice President, 2011-Present
2nd Vice President, 2007-2011
Chair of Photography Committee 2000-present
Board of Directors 2000-present
Judge 1985-present (Master)
Publications Committee 2004-present
Chair of Internet Communications Committee 2005-present
Webmaster-2006-present
Award of Appreciation, 2009

ADMINISTRATION AND COMMITTEES: LOCAL

Tennessee Gesneriad Society:

Newsletter Editor 1980-1988
President 1983-1987
President 1997-2001
Newsletter Editor 2001-present

Nashville African Violet Club

Secretary 2007-2008
President 2008-present

Superintendent, Tennessee State Fair Cavy Show 2005-2010

Livestock Advisory Board, Tennessee State Fair 2008-2011

AFFILIATIONS

The Gesneriad Society (formerly The American Gloxinia and Gesneriad Society, Life Member)
African Violet Society of America (Life Member)

Tennessee Gesneriad Society
Nashville African Violet Club
Gesneriad Hybridizers Association
Gesneriastnytt (Swedish Gesneriad Society)
American Recorder Society (Life Member)
National Flute Association
Centennial Recorder Consort
Nashville Chapter of the American Recorder Society
Trevecca Symphony Orchestra
Nashville Irish Session
Nashville Musical Heritage Center, Instructor, Volunteer
Nashville Old Time String Band Association
American Rabbit Breeders Association
American Cavy Breeders Association
American Donkey and Mule Society
Tennessee Donkey ASSociation
National Beagle Club

SELECTED TALKS:

(2011) Introduction to Gesneriads, Nashville Garden Club
(2011) Propagating African Violets, Nashville African Violet Club
(2010) Introduction to Gesneriads, Memphis African Violet Society
(2010) Propagating Chimeras, Chattanooga African Violet Society
(2009) African Violets from Recent Conventions, Nashville African Violet Club
(2008) The Other Gesneriads, Nashville African Violet Club
(2007) Photographing Gesneriads, to the Freulinghauser Arboretum and the Long Island Gesneriad societies and the Tennessee Gesneriad Society
(2005) Gesneriads, Great Companions to Orchids. Middle Tennessee Orchid Society
(2005) Photoshop tips and tricks. Casagrande Lab Journal Club
(2005) How to photograph your Gesneriads. Tennessee Gesneriad Society
(2004) Houseplants that REALLY Bloom Indoors. Cheekwood Botanical Gardens
(2003) Birds, Bees and Your Gesneriad Seeds. Cheekwood Botanical Garden
(2003) Those Fabulous Plants and How to Grow Them. Tennessee Gesneriad Society
(1997-2010) Annual Presentation of Photos from the Annual Convention of the American Gloxinia and Gesneriad Society, Tennessee Gesneriad Society
(1997) Judging Photos. Judging Workshop, Annual Convention of the American Gloxinia and Gesneriad Society
(1996) Taking photos of plants. Lawn and Garden Fair, Nashville TN

PHOTOS:

Photos (microscopy) and drawings in many articles by Vivien Casagrande, PhD from 1985 to present.
Gesneriads (numerous instances, including the cover of several issues)
The Gloxinian (numerous instances, including the cover of several issues)

Biophotonics, April 2004, Mapping Primates' motion tracking vision. p. 24.

<http://www.photonics.com/bio/Apr04/XQ/ASP/QX/>

House Organ (March, 2003) (<http://www.mc.vanderbilt.edu/houseorgan/> choose back issues, March 10, 2003, Flowers and Fun)

House Organ Calendars (many years)

House Organ Pet issues (many years)

The City Paper (September 25, 2003)

The Tennessean (Sept. 8, 1988, p E1)

Most photos on the website of the Gesneriad Society (formerly the American Gloxinia and Gesneriad Society) <http://www.gesneriadsociety.org>.

MUSICAL EXPERIENCE

LaFayette High School Band 1st flute and piccolo 1966-1971

Wesleyan College flute soloist with string orchestra 1971-1972

Wesleyan College recorder consort 1971-1972

Soloist and orchestra member, West End United Methodist Church, 1977-present

Vanderbilt Orchestra, Flute/Piccolo 1983-1986

Trevecca Symphony Orchestra, Flute/Piccolo, Cello 1987-Present

Yellow Cottage Woodwind Quintet, Flute 1993-1994

Richland Creek Band, Upright Bass 1995-2003

Celtic Commodores, Banjo, Penny Whistle, Irish Flute 1998-Present

Centennial Recorder Consort 2000-Present

Small Time String Band, Banjo, Penny Whistle, Irish Flute, 2005 to 2007

Member Nashville Old Time String Band Association 2000 to present

Founding Member Nashville Irish Session 1998-present

Fiddle and Pick Caeili Band 2009-present

MUSICAL TRAINING

Robert Lamborn, band program, LaFayette Georgia, 1963-1971

Governor's Honors Program (Georgia) 1969

Norma Brainard, Flutist, Chattanooga Symphony Orchestra, 1966-1971

Recorder consort, Wesleyan College, Macon Georgia, 1971-1972

Jane Kirchner, Blair School of Music, 1983-84

Caroline Terranova, Cello, 1994

Julia Tanner, Assistant Principal Cello Nashville Symphony, 1995-2007

Workshops on Clawhammer banjo with Ken Perlman (2005, 2008, 2009)

Workshops on Clawhammer banjo with Bob Carlin (2004, 2009)

Workshop on Irish Flute with Linda Hickman, 2009, 2011

PUBLICATIONS:

K. Li, J. Patel, G. Purushothaman, R.T. Marion, D. Yampolsky, Y. Jiang*, J.A. Mavity-Hudson & V. A. Casagrande (2011) Retinotopic organization of pulvinar in a prosimian primate. Program No. 269.20/HH29, *Society for Neuroscience*.

- R. T. Marion, K. Li, G. Purushothaman, D. Yampolsky, Y. Jiang, J.M. Mavity-Hudson & V. A. Casagrande (2011) A quantitative comparison between geniculate axons in V1 and pulvinar axons in V2. Program No. 428.11, *Society for Neuroscience*.
- Marion, R.T., Tamborski, M.E., Mavity-Hudson, J.A., Jermakowicz, W.J., Purushothaman, G., Casagrande, V.A. (2009) The organization of pulvinar and V1 inputs to V2, Program No. 453.6/Y1, 2009 Abstract Viewer/Itinerary Planner. Chicago, IL: *Society for Neuroscience*.
- Mavity-Hudson, J.A. (2008) Growing *Achimenes* South of the Mason-Dixon Line, *Gesneriads*, 53 (2): 34-37.
- Casagrande, V.A., Purushothaman, G., Marion, R.T., Jermakowicz, W.J., Khaytin, I., Godlove, D.C., Mavity-Hudson, J.A., Reyelts, C.D. Yampolsky, D., Bonds A.B. (2008) Extraclassical surround in area V1 of a nocturnal primate. Program No. 163.3/GG15, 2007 Abstract Viewer/Itinerary Planner. Washington, DC: *Society for Neuroscience*.
- Godlove, D.C., Purushothaman, G., Marion, R.T., Jermakowicz, W.J., Khaytin, I., Mavity-Hudson, J.A., Bonds, A.B., Casagrande, V.A. (2008) Complex response properties of primate pulvinar neurons. Program No. 458.15/EE28, 2007 Abstract Viewer/Itinerary Planner. Washington, DC: *Society for Neuroscience*.
- Purushothaman, G., Khaytin, I., Jermakowicz, W.J., Marion, R.T., Godlove, D.C., Mavity-Hudson, J.A., Casagrande, V.A. (2008) Functional organization of orientation discrimination domains in the primary visual cortex. Program No. 514.7, 2007 Abstract Viewer/Itinerary Planner. Washington, DC: *Society for Neuroscience*.
- Mavity-Hudson, J.A. (2007) Society Web Site Update, *Gesneriads*, 52 (4): 5.
- Khaytin, I. , Chen, X. , Jermakowicz, W. , Mavity-Hudson, J., Purushothaman, G., and Casagrande, V. (2007) The effects of parvocellular (P) pathway inactivation on functional maps in primate V1. Program No. 663.1, 2007 Abstract Viewer/Itinerary Planner. Washington, DC: *Society for Neuroscience*.
- Mavity-Hudson, J.A. (2005) Submitting Photos for Publication in THE GLOXINIAN. *The Gloxinian* 55 (3): 29.
- Mavity-Hudson, J.A. (2005) Enjoying *Koellikohleria rosea*. *The Gloxinian* 55 (1): 40.
- Khaytin, I., D.W. Royal, O. Ruiz, X. Chen, J.A. Mavity-Hudson, M.H. Couppis, and V.A. Casagrande, (2005) Does feedback from the middle temporal (MT) visual area influence maps of orientation and temporal frequency in V1. Abst., *Society for Neuroscience*.
- Mavity-Hudson, J. A. 1980-1988 and 1997-present, commentary in every issue of *Gesneri-eds*, the monthly publication of the Tennessee Gesneriad Society

- Wiencken-Barger, A. E., J. Mavity-Hudson, U. Bartsch, M. Schachner, and V. A. Casagrande (2004) The role of L1 in axon pathfinding and fasciculation. *Cerebral Cortex* (cover figure) 14(2): 121-131.
- Mavity-Hudson, J.A. (2004) Seed Storage. *The Gloxinian* 54(3): 15.
- Yazar, F., J.A. Mavity-Hudson, Y. Ding, E. Oztas, and V.A. Casagrande (2004) Layer IIIB (IVA) of primary visual cortex (V1) and its relationship to the koniocellular (K) pathway in macaque monkeys. Program No. 300.17. *Society for Neuroscience*.
- Yazar, F., J.A. Mavity-Hudson, Y. Ding, E. Oztas, and V.A. Casagrande (2004) Layer IIIB (IVA) of primary visual cortex (V1) and its relationship to the koniocellular (K) pathway in macaque monkeys. Program No. 300.17. *Society for Neuroscience*.
- Couppis, M.H., I. Khaytin, F. Yazar, D.W. Royal, J. Mavity-Hudson, and V.A. Casagrande (2004) Retinogeniculocortical pathways: how many? Program No. 408.8. *Society for Neuroscience*.
- Emeric, E., X. Xu, J. Mavity-Hudson, M. Gallucci, A. Thomas, B. Barahimi, D. Shima, J. Stefansic, A.B. Bonds and V.A. Casagrande (2003) Visuotopic organization of bushy primary visual cortex (V1) revealed by optical imaging. *Vision Sciences Society (Abs.)*
- Song, Z., J. Broome, J. Mavity-Hudson, A. Wiencken-Barger, J. Malpeli, V. A. Casagrande (2001) The distribution of koniocellular lateral geniculate nucleus (LGN) cells in macaque monkey. *Society for Neuroscience* 27:723.5 (Abs.)
- Boyd, J. D., J. A. Mavity-Hudson, and V. A. Casagrande (2000). The connections of layer 4 subdivisions of the primary visual cortex (V1) of the owl monkey. *Cerebral Cortex* 10:644-66.
- Song, Z., J. Mavity-Hudson, and V. A. Casagrande (2000) Neurochemical diversity in the koniocellular (K) cells of macaque monkey lateral geniculate nucleus (LGN). *Society for Neuroscience (Abs.)* 26:447.23.
- Shostak, Y., J. Mavity-Hudson, and V. A. Casagrande (2000) Synaptic and neurochemical analysis of the koniocellular (K) pathway within the cytochrome oxidase (CO) blobs of squirrel monkey visual cortex. *Society for Neuroscience (Abs.)* 30:54.15.
- Shen, J. H., V. A. Casagrande, K.M. Joos, D. J. Shetlar, R. D. Robinson, W. S. Head, J. A. Mavity-Hudson, and A.H. Nunnally (1999) Acute optic nerve sheath fenestration with the free electron laser. SPIE Conference on Ophthalmic Technologies, IX, San Jose, CA.
- Shen, J. H. , V. A. Casagrande, K. M. Joos, D. J. Shetlar, R.D. Robinson, W.S. Head, J.A. Mavity-Hudson and A.H. Nunnally (1998) Optic Nerve Sheath Fenestration with the Free Electron Laser Versus Knife. *FEL-98-174 User Workshop Abstract (Abs.)*
- Joos, K. M., V. A. Casagrande, J. H. Shen, D.J. Shetlar, R.D. Robinson, J.A. Mavity-Hudson, A. H. Nunnally, and W. S. Head (1998) Free electron laser or knife optic nerve sheath fenestration: one

month postoperative histologic comparison. *Investigations in Ophthalmology and Vision Science Supplement 39:S770 (Abs.)*.

Shen, J. H., V. A. Casagrande, K. M. Joos, D. J. Shetlar, R.D. Robinson, W.S. Head, J.A., Mavity-Hudson, and A.H. Nunnally (1998) Acute optic nerve sheath fenestration with the free electron laser. *Investigations in Ophthalmology and Vision Science Supplement 39:S769 (Abs.)*

Casagrande, V. A., J.A. Mavity-Hudson, and J.G. Taylor (1992) Intrinsic connections of owl monkey striate cortex: difference between cytochrome oxidase (Co) blobs and interblobs. *Society for Neuroscience 18:389 (Abs.)*

Lachica, E. A., J. A. Mavity-Hudson, and V. A. Casagrande (1991) Morphological details of primate axons and dendrites revealed by extracellular injection of biocytin: an economic and reliable alternative to PHA-L. *Brain Research 564:1-11*.

Mavity-Hudson, J.A., J. Witty, and V. A. Casagrande (1991) The expression of 3-fucosyl-N-acetyl-Lactosamine (FAL) on glia in relationship to neuronal layer development. *Society for Neuroscience 17:760 (Abs.)*

Mavity-Hudson, J.A., J.P. Witty, and V. A. Casagrande (1991) Distribution of the 3-fucosyl-n-acetyl-lactosamine (FAL) epitope in developing interlaminar zones of the tree shrew dorsal lateral geniculate nucleus. *Investigations in Ophthalmology and Vision Science 32:1035 (Abs.)*

Wiencken-Barger, A. E., J. Mavity-Hudson, H. G. Tomasiewicz, U. Rutishauser, and V. A. Casagrande (2012). The role of polysialic acid and neural cell adhesion molecule during axon fasciculation and pathfinding between the thalamus and cortex. *In preparation*.

Acknowledged contributor to all papers of Vivien Casagrande, PhD from 1985 to present, and of those of Nancy Leith, PhD from 1979 to 1985.