

**Stanley Alan Baldwin Ph.D.**  
**Curriculum Vitae**

**Birth Date/Place:** November 10, 1956 Charleston, SC

**Address:** 105 Lake Forest Lane  
Clinton, MS 39056

**Email:** [sbaldwin@mc.edu](mailto:sbaldwin@mc.edu)

**Webpage:** <http://www.mc.edu/~sbaldwin>

**Telephone:** (601) 925-4751 (Home)  
(601) 925-3321 (Work)

**Church Membership:** Northminster Baptist Church, Jackson, MS

**Education:**

Asbury College 1979 B.S. Mathematics (major); Chemistry (minor)  
Wilmore, KY

Asbury Theological Seminary 1982 M.Div. Philosophical Theology  
Wilmore, KY

University of Kentucky 1987 M.A. Philosophy  
Lexington, KY

University of Kentucky 1995 Ph.D. Neurobiology & Anatomy  
College of Medicine  
Lexington, KY

**Research:** Central Nervous System Injury and Recovery

**Employment:**

2004-present Dean of the School of Science and Mathematics

2002-present Chair of the Department of Biological Sciences,  
Mississippi College

2001-present Adjunct Assistant Professor of Anatomy  
Department of Anatomy  
University of Mississippi Medical Center  
Jackson, MS

2005-present Associate Professor of Biology  
Department of Biological Sciences  
Mississippi College  
Clinton, MS

1999-2004 Assistant Professor of Biology  
Department of Biological Sciences  
Mississippi College  
Clinton, MS

- 1997-1998 Department of Cell Biology, Neurobiology and Anatomy  
Ohio State University College of Medicine  
Columbus, OH 43210  
Postdoctoral Fellow
- 1995-1997 Department of Neurosurgery  
Sanders-Brown Center on Aging  
University of Kentucky College of Medicine  
Lexington, KY 40536  
Postdoctoral Fellow
- 1985-88 Fayette County Public Education  
Lexington, KY  
High School Teacher (Math and Chemistry)

**Teaching Experience:**

- Freshman Philosophy (University of Kentucky), 2 courses per semester, 1982-1984.
- High School Math and Chemistry (Fayette County, Lexington, KY) 1985-1988.
- Freshman Math (University of Kentucky), 1 evening course per semester, 1986-1988.
- Human Gross Anatomy, Histology, Human Neuroanatomy, (University of Kentucky Colleges of Medicine) 1990-1991.
- Human Neuroanatomy for Physical Therapy, (University of Kentucky College of Allied Health), 1992-1994.
- Neurophysiology for Physical Therapy, (University of Kentucky College of Allied Health), 1995-1996.
- Human Gross Anatomy; Human Neuroanatomy; Histology; Physiology (Mississippi College) 1999-present.
- Human Dissection, Histology (University of Mississippi Medical Center) 2001-present

**Committee Work at Mississippi College and the University of Mississippi Medical Center (Current unless indicated otherwise)**

- Core Curriculum Committee (**Chair**)  
Strategic Planning and Steering Committee (SPSC)  
Academic Program Quality sub-committee of SPSC  
Pre-Professional Health Programs Advisory Committee (**Chair**)  
Academic Council  
Committee on Committees  
Graduate Fellowships and Scholarships Committee  
Information Systems Committee  
Ad hoc Committee Integrating Computer Technology into the Classroom (**Chair**)

Graduate Council  
Institutional Animal Care and Use Committee  
Ad hoc committee on Computer Technology  
Neuroscience Grant Review Committee at the University of Mississippi Medical Center  
Ph.D. Qualifying Exam Committee, Department of Anatomy, University of Mississippi  
Medical Center  
Faculty Council  
Southern Association of Colleges and Schools (SACS) Assessment Committee for  
Undergraduate Studies (2000-2001)  
Biology Departmental Program Review and Institutional Effectiveness for SACS (2000-  
2001)

### Community Service and Other Activities

Sunday School Teacher (2000-2002)  
Home Bible Study Leader (2000-2002)  
Education Committee at Northside Baptist Church (2001-2002)  
Freshman Experience Leader (2000-2002)  
Given "Brain Talk" to local area High Schools

### Journal Publications

- 1) Baldwin, S.A., Broderick, R., Blades, D.A., Scheff, S.W. (1998), Intermediate filament change in astrocytes following spinal cord contusion. *Journal of Neurotrauma*, 12:1015-26.
- 2) Baldwin, S.A., Broderick, R., Osbourne, D., Waeg, G., Blades, D.A., Scheff, S.W. (1998) 4-hydroxynonenal/protein complex, an indicator of oxidative stress following experimental spinal cord contusion in the rat. *Journal of Neurosurgery*, 88:874-883
- 3) Plomann, M., Lange, R., Vopper, G., Cremer, H., Heinlein, U., Scheff, S., Baldwin, S., Leitges, M., Cramer, M., Paulsson, M., Barthels, D. (1998) PACSIN, a brain protein that is upregulated upon differentiation into neuronal cells. *European Journal of Biochemistry* 256:201-211.
- 4) Baldwin, S.A., Scheff, S.W. (1997) Alterations in glial fibrillary acidic protein and vimentin in hippocampal astrocytes following entorhinal cortex lesion. *Neuroscience Research Communication*, 20:157-165.
- 5) Baldwin, S.A. and Scheff, S.W. (1997) Neuronal cell loss in the CA3 subfield of the hippocampus following cortical contusion utilizing the optical disector method for cell counting. *Journal of Neurotrauma*, 14:385-398.
- 6) Hicks, R.R., Baldwin, S.A., Scheff, S.W., (1997) Serum extravasation and cytoskeletal alterations following traumatic brain injury in rats: comparison of lateral fluid percussion and cortical impact models. *Molecular Chemical Neuropathology*, 32:1-16.
- 7) Scheff, S.W., Baldwin, S.A., Brown, R.W., Kraemer, P. J. (1997) Morris water maze in rats following traumatic brain injury: lateral controlled cortical impact. *Journal of Neurotrauma*, 14:615-627.
- 8) Hinkle, D., Baldwin, S.A., Wise, P.M., Scheff, S.W., (1997) Changes in GFAP and S100 $\beta$  mRNA After Unilateral Cortical Contusion in the Rat. *Journal of Neurotrauma*, 14:729-738.

- 9) Runge, V., Wells, J., Baldwin, S. Scheff, S., Blades, D. (1997) Evaluation of the temporal evolution of acute spinal cord injury. *Investigative Radiology*, 32:105-110.
- 10) Baldwin, S.A., Fugaccia, I., Brown, D. Scheff, S.W., (1996) Blood-brain barrier breach following cortical contusion. *Journal of Neurosurgery*, 85:476-481.
- 11) Kraemer, P.J., Brown, R.W., Baldwin, S.A., Scheff, S.W. (1996) Validation of a single-day Morris water maze procedure used to assess cognitive deficits associated with brain damage. *Brain Research Bulletin*. 39:17-22.
- 12) Mattson, M.P., Cheng, B. Baldwin, S.A., Smith-Swintosky, V. L., Keller, J. Geddes, J.W., Scheff, S.W., Christakos, S. (1995) Brain injury and tumor necrosis factors induce calbindin D-28 in astrocytes: evidence for a cytoprotective response. *Journal of Neuroscience Research*, 42:357-370.
- 13) Baldwin, S.A., Scheff, S.W., (1995) Intermediate filament change in astrocytes following mild cortical contusion. *Glia*. 16:266-275.
- 14) Cremer, H., Lange, R., Christoph, A., Plomann, M., Vopper, G., Roes, J., Brown, R., Baldwin, S., Kraemer, P., Scheff, S., Barthels, D., Rajewsky, K., Wille, W. (1994) Inactivation of the NCAM gene in mice results in size reduction of the olfactory bulb and deficits in spatial learning. *Nature*, 367:455-459.
- 15) Baldwin, S. A., (1985) An Explication of Kant's Refutation of the Ontological Argument for the Existence of God. *The Asbury Seminarian*, 40: 32-41.