

Perry A. Tompkins, Dean, College of Science and Mathematics

Southwest Baptist University

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1. **Dean of Science and Mathematics, Southwest Baptist University, (June 2008-Present)**
 - a. Determine, request and execute College budgets and planning.
 - b. Lead on College strategic plan, including objectives for faculty-led study abroad, international student services and recruitment, and active learning.
 - c. Supervise thirty six Faculty and Staff, including hiring, advancement and termination.
 - d. Supervised the expansion of Physical Therapy to double the students and into a new building, and new Zoology and Physics laboratories.
 - e. Supported the re-accreditation of Physical Therapy and Athletic Training.
 - f. Started numerous initiatives including undergraduate research program, college book seminar, lecture series and faculty-led student chapels.
 - g. Started new physics major.
2. **Physics Professor and Department Chair, Samford University, Birmingham, Alabama (August 1998-May 2008)**
 - a. Chair (July 2002 to June 2005). Ended with rank of full professor-tenured.
 - b. Re-designed the physics majors, created eight courses and the B.A. in Physics.
3. **Fulbright Scholar Program**
 - a. Scholar in Ecuador, Fall 2007. Taught physics and engineering courses in Spanish.
 - b. SBU Fulbright Campus representative and Fulbright Scholar Alumni Ambassador.
 - c. Previously Fulbright Andean-Region Peer Review Committee Member.
4. **Membership:**
 - a. Member of associations including AAPT. Council member of the Inter-American Council on Physics Education.
5. **Grants**
 - a. Received ten grants including Fulbright Fellowship and CGE development grant.
6. **Study Abroad & International Service**
 - a. Faculty-Led three study-abroad courses to London & one to Mexico
 - b. Led two service trips to Ecuador, two to Cuba and one teaching science in Belize.
 - c. Developed active student exchange partnership with USFQ in Ecuador.
 - d. Faculty mentor to the SBU student-led International Club.
7. **Formal Education:**
 - a. Texas A & M University, PhD, Physics, 1990,

- b. Texas A & M University, MS, Physics, 1986.
- c. University of Houston, BS, Physics, 1983.

8. Other Work Experience

- a. ITT Aerospace, Fort Wayne, Indiana, Research Engineer on satellite cameras.
- b. Vanderbilt University, Nashville, Tennessee, Research Professor.
- c. NASA-Johnson Space Center, Houston, Texas, Undergraduate Co-op Student.

9. Personal Highlights

- a. Proficient in Spanish.
- b. Married 31 years to Karen (Colley) Tompkins with three grown children.

10. Selected Publications

• Refereed Papers

1. P. A. Tompkins, "Remote Experimentation Made Easy with LabVIEW™," *The Physics Teacher*, 44 October 2006, 435-437.
2. P. A. Tompkins, "Remote Experimentation Across The Internet—REATI," accepted for publication in the proceedings of the 9th Inter-American Conference on Physics Education, San José, Costa Rica, July 2006.
3. P. A. Tompkins, "Computer-Based Data Acquisition Techniques Immersed in the Undergraduate Physics Curriculum," accepted for publication in the proceedings of the 8th Inter-American Conference on Physics Education, Havana, Cuba, July 2003.
4. P. A. Tompkins and G. Pinggen, "Real-Time Experimentation Across the Internet," *The Physics Teacher*, 40 October 2002, 408-410.
5. P. A. Tompkins, "Authentic Experiences using Problem-Based Learning in a Computer-Based Instrumentation Class," Samford University PBL Portfolio Peer Review, August 2002
6. F. E. Carroll, J. W. Waters, W. D. Andrews, R. R. Price, D. R. Pickens, R. Willcott, P. A. Tompkins, C. Roos, D. L. Page, G. W. Reed, A. Ueda, R. Bain, P. Wang, M. Bassinger. Attenuation of monochromatic x-rays by normal and abnormal breast tissues. *Investigative Radiology* 29(3):266-272, 1994.
7. P. A. Tompkins, C. C. Abreu, F. E. Carroll, Q. Xiao, C. A. MacDonald, "Use of Capillary Optics as a Beam Intensifier for a Compton X-Ray Source," *Med. Phys.* 21 (11), November 1994, 1777-1784.

• Refereed Papers Winning Awards

8. J. D. Jarvis, P. A. Tompkins, "Bridging Industrial Solutions With the Educational Classroom," National Instruments' User Conference, August 2002. Selected for 2nd Place in the academic division.
9. G. Pinggen, G. Hutson, and P. A. Tompkins, "Internet Measurement of the Magnetic Field of a Long Straight Wire using LabVIEW," National Instruments' User Conference, August 2001. Selected as best paper in the academic division.

- **Non-Refereed Books**

10. P. A. Tompkins, C. Masters, Southwest Baptist University, first-year physics laboratory manual.
11. P. A. Tompkins, The SPILL Laboratory Manual Sold limited license of self publication to National Instruments on instrumentation-based first-year physics laboratory manual. Manual has been accepted by NI.