

LARRY G. HANSHAW
Professor of Secondary Science Education
Tenured
Initial Faculty Appointment: 1989
Program: Secondary Science Education

EDUCATIONAL AND PROFESSIONAL CREDENTIALS

Degrees

Ph.D.	1976	University of Southern MS	Science Education (Chemistry)
M.Ed.	1974	University of Delaware	Chemistry & Education
B.S.	1969	Tougaloo College	Chemistry

Licenses

A-Level: Chemistry/General Science/7-12/DE (Expired)
Certificate: Grand Gulf Nuclear Station; Radio Chemist II

PROFESSIONAL EXPERIENCE

2007 – Present	University of Mississippi Professor of Secondary Science Education
1989 – 2007	University of Mississippi Associate Professor of Secondary Science Education
1988 - 1989	Jackson State University Associate Professor of General Science
1986 - 1988	Grand Gulf Nuclear Station Radio Chemist II
1985 - 1986	Alcorn State University Associate Professor of Physical Science/Chemistry
1976 - 1985	Alcorn State University Assistant Professor of Physical Science/Chemistry
1974 - 1976	University of Southern Mississippi Teaching Assistant
1972 - 1974	Bayard Middle School General Science Teacher and Planetarium Operator Wilmington, Delaware
1969 - 1970	E.I. DuPont deNemours and Company, Inc., Chemist/Technical Salesman Wilmington, Delaware

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TEACHING

Courses

EDCI 351- Introduction to Education

EDCI 601- Advanced Curriculum, Theory and Practice

EDCI 503- Measurement and Evaluation

EDCI 602- Curriculum Construction

RESEARCH

PUBLICATIONS

Book

Hanshaw, L.G. (February, 2006). *Cooperative classroom testing*. Baltimore, MD: University Press of America.

Refereed Publications

Hanshaw, L. G. (2004). Value-related issues in a departmental merit pay plan. *The Professional Educator, 26(2)*, Spring, 57-68.

Hanshaw, L. G. (2004). Skepticism about selected paranormal events and why some believe we are not alone. *Popular Culture Review, 15(2)*, September, 103-113.

Hanshaw, L. G. (1998). Analyzing the journal entries of student teachers. *The Professional Educator, 20(2)*, Spring, 31-44.

Blackbourn, J. M., Hanshaw, L. G., Hamby, D., & Beck, J. B. (1996-97). The total quality curriculum. *National Forum of Applied Educational Research Journal, 10(1)*, 24-30.

Hanshaw, L. G. (1996). The inaccessible die: An activity integrating inquiry teaching and problem solving. *Journal of the Mississippi Academy of Sciences, 41(4)*, 158-165.

Love, F. E., Henderson, D., & Hanshaw, L. G. (1996). Preparing pre-service teachers to understand diversity in classroom management. *College Student Journal, 30(1)*, 112-118.

Hanshaw, L.G. (1995). The literary influence of alchemy: An explication of selected works. *Popular Culture Review, 6(1)*, February, 61-73.

Hanshaw, L. G. (1994). Expanding the levels of teacher-selected questions on chemistry examinations. *Journal of the Mississippi Academy of Sciences, 39(2)*, 3-7.

Hanshaw, L. G. (1994). Utilizing class assignments to enhance the curriculum perspectives of secondary teachers. *National Forum of Special Education Journal, 4(1&2)*, 15-22.

Hanshaw, L. G. (1993). New basic science programs raise requirements and enhance the preparation of secondary teachers. *Journal of the Mississippi Academy of Sciences, 38(3)*, 5-7.

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Hanshaw, L. G. (1991). General procedures for identification and diagnosis of mildly handicapped and at risk children. *National Forum of Special Education Journal*, 2(1), 30-38.

Hanshaw, L. G. (1982). Test anxiety, self-concept and the test performance of students paired for testing and the same students working alone. *Science Education*, 66(1), 15-24.

PRESENTATIONS

1990 **South Central Area Holmes Meeting**, Kansas City, Missouri. Gave summary of a presentation by Dr. Ken Howey, Ohio State University.

1991 **Mississippi Association of Educators Convention**, Jackson, MS.

1992 **Marshall County Teachers Inservice Program**, Potts Camp, MS. Presented "Science Activities for Grades 7-12", including question and answer session.

1993 **University of Mississippi School of Education Alumni Association Meeting**. Presented **New Basic Programs in Secondary Science Education (Chemistry, Physics, Biology, General Science)** recently approved (first ever) by NCATE for School of Education's undergraduate programs.

1994 **Marshall County Teachers Inservice Program**, Waldoxie State Park, Marshall County, MS. Presented "Using Discrepant Events As Science Activities to Build Students' Critical Thinking Abilities."

1996 **Mississippi Research Consortium Minority Teaching Scholars Conference**, Jackson State University, April 11-12. As an Assistant Commissioner for Academic Affairs, delivered speech regarding "Working Together to Meet the Challenges Facing Higher Education in Mississippi@."

1997 **Mississippi Valley State University Regional Education Conference** "Educating for the Millenium." Presented "AA Combined Approach to Diversity, Recruitment, and Retention@."

1998 **Mississippi Community/Junior College Counselors Association=s Conference**. Presented "Mississippi Institutions of Higher Learning's Guidelines for College and University Admissions."

GRANTS AND CONTRACTS

1991 Departmental Award, Secondary Science Resources Center, Department of Curriculum and Instruction. Purchased equipment, supplies, etc., \$3000.

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- 1991-2006 Mississippi Alliance for Minority Participation Grant. UM-Site Coordinator (1992); \$10-million grant to all eight IHL institutions. National Science Foundation, \$300,000 to University of MS each year of grant (**1992-2006**);
- 1991-2007 Partners and Associates Grant, Computer equipment, University of Mississippi, \$3407.

SERVICE

- 2006-Present **Journal Manuscript Reviewer**. Reviewed manuscripts for the Journal of the Mississippi Academy of Sciences (1993-95); the Professional Educator (1997- present); the National Science Teachers Association's Science Scope (2006-present).
- 2000-2001 **Consultant: Tech Prep Schools, Northeast, MS.**
- 2000-1997 **Instructor, Ronald E. McNair Program**. Graduate School, University of Mississippi.
- 1996 **Interim Assistant Commissioner for Academic Affairs**, Institutions of Higher Learning Board. January-June.
- 1995 **Chairman, Holmes Group Equity Council**
- 1995 **Accreditation Team Member**, Southern Association of Colleges and Schools
- 1994-Present **Senior Member, Departmental Merit Pay Committee.**
- 1990-1994 **Region 7 Science Fair; University of Mississippi; Compiler/Writer, NSTA Specialized Guidelines and Matrix for Basic Programs in Science** (Biology, Chemistry, General Science, and Physics). Fall, Spring, 1992; **Site Coordinator** (at the University of Mississippi) for the Mississippi Alliance for Minority Participation Program, 1991-92; **Member/Judge Scientific Review Committee**, Region 7 Science Fair, University of Mississippi. **Consultant**, Water Valley School District, Water Valley, Mississippi (Fall,1990;1994).

SERVICE

Committee on Academic Suspension and Dismissal Appeals (U); Scientific Review Committee and Region VII Science Fair Judge (U); AACTE Awards and U. S. News & World Report (D); Faculty Travel Committee Co-Chair (D); Merit Pay Committee (D); Student's Under-represented Mentoring Committee (D);

HONORS AND AWARDS

- 2000-1997 Three plaques, Ronald E. McNair Program; **Assistant Commissioner for Academic Affairs**, MS IHL, January-June (1995); **Achieved tenure**; School of Education, The University of Mississippi. May, 1995; **Promoted to rank of Associate Professor**, Department of Chemistry and Physics, Alcorn State University, Lorman, MS. August, 1985; **Promoted to rank of Full Professor**, School of Education, University of Mississippi, July, 2007.
- 1984-86 **Summer Faculty Research Appointments**, Applied Science Division, Brookhaven National Laboratory, Upton, L.I., NY. May-August. Environmental Research Division, Argonne National Laboratory, Argonne, IL. June-August; July-August;

PROFESSIONAL ORGANIZATIONS

Association for the Education of Teachers in Science
Association for Supervision and Curriculum Development
National Science Teachers Association