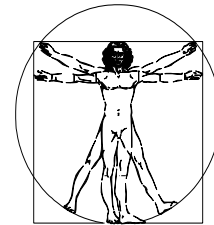


# VITA

## Richard Hillman

B.S. Natural Sciences: U. of Ark., Fayetteville, 1976.  
M.S. Biology: Henderson State U., Arkadelphia, Ark., 1988  
Post M.S. graduate work: UALR- Gifted & Talented  
Ark.Tech.U.- Environmental Science



### Teaching Experience: (35 years)

|                             |  |
|-----------------------------|--|
| Ouachita Technical College: | Environmental Science  |
| U of AR at Little Rock:     | Introduction to Biology 1400 & 1401 Ecology & Evolution            |
| Henderson State U.:         | Introduction to Biology 1013 & Biology Laboratory 1021             |
| Benton High School:         | Science Dep't Chair<br>Advanced Placement Biology & Pre-AP Biology |
| Central Jr. High, NLR       | Honors Life Science & Dep't Chair                                  |

### Professional Accomplishments (abbreviated):

- **Member State Biology Curriculum Development Committee 2002**
- Consultant for College Board, SW Region; AP Biology & Vertical Teaming
- District Science Facilitator (Dawson COOP)
- **Distinguished Teacher: White House Commission on Presidential Scholars 1997**
- Presenter NABT Nat'l Conventions, *Teaching Evolution*.
- Faculty Consultant to Educational Testing Service; A.P. Biology Reader.
- Tandy Technology Scholars Award Winner 1996-1997.
- Member/Chair Selection Board for Arkansas School of Mathematics and Sciences., Central Region
- **Director: Super Summer program "Future Scientists" (elementary) 1994-97.**
- Selection Committee Member for Arkansas Governor's School (Natural Sciences)
- Nominated for Presidential Award for Excellence in Teaching Science four times
- **Director: AEGIS "Future Scientists" (middle school ) 1991-93.**
- Member: Project ADVICE [Alliance for Development of Vision & Initiative for Science Education in Ark.
- Consultant to El Dorado PSD on Science Fair Management
- Presenter: AGATE State Convention; *G/T science Techniques in the Classroom*.
- **Director: AEGIS program "Ecology and Field Methods" (High School) 1986-90.**
- Official Member: First Biology Education Delegation to the Peoples Republic of China, 1988.
- Selected as the NABT "Arkansas Biology Teacher of the Year": 1987.
- Recipient of an ALCOA Foundation grant for masters degree research (\$9,200.00).
- Introduced first Advanced Placement Biology Program at Benton High School 1985.

### Professional Memberships:

- f National Association of Biology Teachers (NABT)
- f National Science Teachers Association (NSTA)
- f Arkansas Science Teachers Association (ASTA)
- f Beta Beta Beta National Biological honor Society/ Kappa Rho chapter 1984

## Selected Professional Accomplishments.

1. I have presented professional papers at state, regional and national conventions over the past decade on How to Teach Evolution, Incorporating Original Biological Literature into the Curriculum, the Biochemistry of Photosynthesis & Cellular Respiration and the Power of the Geological Time Scale as a Teaching Tool.
2. First teacher in Arkansas to author and direct an AEGIS program that took kids out of state; Ecology and Field Biology”: a three week program for high school students at Henderson State U. (a week in the Ouachitas Mtns. studying terrestrial ecology, a week on the rivers and lakes of Arkansas studying freshwater ecology and a week at the Gulf Coast Research Lab in Ocean Springs MS studying Marine ecology).
3. First teacher to author and direct an AEGIS program for middle school students in science. The two week residential program at Henderson State U. was called “Future Scientists” and it introduced kids to the wonders of biology, chemistry, physics, astronomy and geology.
4. Developed and taught the Super Summer Program (through Dawson Coop) at Benton for \_\_\_ elementary kids called “Future Scientists” which lead them through a series of exploratory activities in various fields of science.
5. Advanced Placement Biology reader/endorsed consultant since 1995. Lead consultant in workshops throughout the College Board’s southwest region
6. Member of Biology Curriculum Development Committee for Arkansas and other state committees whose goals were to design science curricula and write a guiding philosophy for state science teachers. I have served on the selection committees for Governor’s School and been a member and chair of the selection committee (central AR region) for the AR Math and Science School in Hot Springs.
7. Sponsor of the Benton H.S. Backpacking and Environmental Education Club for twenty years. During this time I wrote a training manual and conducted classes in outdoor safety which permitted the club to travel throughout Arkansas and the United States to explore national park ecology and geology.
8. Developed first concurrent credit Science course at Benton H.S.