

**Elmer R. Shelby, Jr.**  
6170 Sunrise Rd.  
Tell City, IN 47586  
Ph: (812) 836-4186  
e-mail: shelbyfour@psci.net

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### **Education**

- Ph.D., Education, Indiana University, Bloomington, Indiana, April, 2006  
Majors: Instructional Systems Technology and Educational Leadership  
Minors: Mathematics and Religious Studies  
Dissertation: *Investigating Faculty Internet Use in the Association of Theological Schools*
- M.Div., (90 sem. hrs.), Oakland City College, Oakland City, Indiana, July, 1988  
Major: Pastoral Leadership Studies  
Minor: Clinical Counseling
- B.S., Education, Southeast Missouri State University, Cape Girardeau, Missouri, May, 1985  
Major: Mathematics  
Minors: Chemistry and Physics
- Educational Leadership Program, Ball St. University and Indiana University, 2008-2009

### **Skills and Qualifications**

- Missouri's Life Teaching License, Mathematics & Science, Grades 7-12
- Indiana's Life Teaching License, Mathematics, Physics, Chemistry, Physical Science & General Science, Grades 5-12
- Superintendent License
- Languages – Basic, Fortran, Pascal, Java, HTML, and HyperText
- Platforms – Unix, MacOS, Windows
- Novell and Microsoft networking
- Software/Libraries – MS Office, SAS, SPSS, Derive, Adobe Creative Suite, Macromedia Studio

### **Professional Experience**

- Technology Director, Remediation & Assessment Director, Web Master, Teacher, Castle High School, Newburgh, IN, 2003-present
- Adjunct Graduate Instructor, University of Evansville, Evansville, IN, 2010
- Adjunct Graduate Instructor, University of Southern Indiana, Evansville, IN, 2004-2005
- Assistant Professor of Mathematics & Science, Oakland City University, Oakland City, IN, 1999-2003
- Internet and Technology Director, Oakland City University, Oakland City, IN, 1999-2003
- Teacher, AP Physics, DuPont Manual High School, Louisville, KY, 1999
- Technology Director, Grant Writer & administrator, Assistant to the Superintendent & Teacher, Perry Central Schools Leopold, IN, 1987-1998
- Adjunct Graduate Instructor, Indiana University-Southeast New Albany, IN, 1998

- Adjunct Instructor, Vincennes University Vincennes, IN, 1987-1999
- Adjunct Instructor, Ivy Tech Tell City, IN, 1991-4
- Adjunct Instructor Oakland City College Oakland City, IN, 1990-97
- Instructor of Mathematics and Computer Science, Oakland City College Oakland City, IN, 1985-87
- UAW assembly worker, Arvin Automotive, Dexter, MO, 1985
- AFL-CIO, Millwright/Carpenter, Local 618, 1980-1983

## **K-12 Courses Taught**

### *Science:*

General Science Grades 7, 8 and High School  
 Chemistry and AP Chemistry High School  
 Physics and AP Physics High School

### *Mathematics:*

Consumer Math, Algebra, Geometry and AP Calculus

### *Computer Science:*

Programming, Web Design, and Computer Applications

## **College Courses Taught**

### *Education:*

Computers in Education (Graduate level), Special Topics: Professional Development (Undergraduate and Graduate level)

### *Mathematics:*

Differential Equations, Modern Geometry, Mathematical Technology (Derive, Excel, & SPSS), Calculus I, II, III, Linear Algebra, Probability & Statistics, Advanced Probability & Statistics

### *Computer Science:*

HTML programming, Computer Organization, Web Design, PC Repair, BASIC, Pascal, Fortran

### *Science:*

Physical Science, General Chemistry I, II & Lab, Organic Chemistry I, II & Lab, General Physics I, II & Lab

### *Religion:*

New Testament I, New Testament II, Church History

## **Publications**

### *Articles:*

Shelby, E., Sanchez, T. & Lambert, J. (2010). Faculty Usage of Internet. *Journal for the Liberal Arts and Sciences*, Spring.

Shelby, Elmer. "Hypermedia in Education," Instructional Media and The New Technologies of Education, Heinich, Molenda, Russell, Macmillan Publishing. 4<sup>th</sup> edition, 1993.

Shelby, Elmer. "Integrating Technology in the Classroom," Instructional Media and The New Technologies for Education, Heinich, Molenda, Russell, Macmillan Publishing 4<sup>th</sup> edition, 1993.

### *Presentations:*

Web Site Management and Design (Dreamweaver), Hoosier Education Computer Coordinator Conference, Indianapolis, Indiana, November 2007.

Internet, Computer Networks, Professional Development and Communities,  
People to People Ambassador, Beijing, China, 2006.  
Dreamweaver-Designing Websites, HECC Conference, November, 2006  
Integrating Technology in the Classroom at Midwest Technology Conference, St.  
Louis, MO, 1991.  
HyperMedia in the Classroom at Indiana Computer Education Conference,  
Indianapolis, IN, 1992.  
Internet Technology, Southern Indiana Educational Center Conference, Jasper,  
IN, 1997.

*Consultations:*

Computer Science Education in the K-12 environment, China, 2006  
Computer interface and design training, Taiwan Corp., Taiwan, 1996  
Administrative Technology training, General Electric, Indiana, 1995  
Chemistry laboratory and collaborative education research in K-12 environment,  
University of Louisville, 2002-2005

**Community Services**

Minister Association of Perry County  
Higher Education Council of American Baptist, Board of Trustee member, 2006-  
present  
Perry County Habitat for Humanity, Board of Directors, 1999-2010; Secretary,  
1999-2000; President, 2000-2001,2011; Vice-President, 2001-2002,2010  
Pastor, Union Hill General Baptist, 1983-1985  
Associate Pastor, North Friendship General Baptist, 1985-1986  
Interim pastor, McKinney Presbyterian, 1986-1987  
Pastor, New Hope General Baptist Church, 1987-1991  
Pastor, Deer Creek Baptist, 1998-2000, 2001-2010

**Professional Assignments and Activities**

Member Steering Committee Indiana University School Administrators  
Association, 2009 to present  
Member Conference Committee Indiana University School Administrators  
Association, 2009 to present  
Member, National Education Association, Indiana State Teachers Association,  
Warrick County Teachers Association  
Member, Hoosier Educational Computer Coordinators  
Member, General Baptist Presbytery, American Baptist Presbytery  
Oakland City University, Convocation & Spiritual Life 1999-2002  
Oakland City University, Internet Courses Committee 1990-2000  
Oakland City University, Transfer Credit Committee (Chair) 2002-03  
Oakland City University, Criterion Three Committee (Chair) 2002-03  
Oakland City University, Library and Library Resources Committee 2002-03  
Ordination Committee (Chair), General Baptist, Liberty Association, 1996-1999  
Credentials License Committee, General Baptist, Liberty Association, 1995  
President & Vice President, Perry Central Teachers Association, 1990-1997  
Negotiation team (chair) of Perry Central Teachers Association, 1990-1997  
Parliamentary chair General Baptist, Flat Creek Association, 1990

## References

Dr. Curtis Bonk  
Indiana University  
201 North Rose Ave.  
Bloomington, IN 47405-1006  
cjbok@indiana.edu  
812-856-8353

Prof. Elizabeth Boling  
Associate Dean for Graduate Studies  
210 North Rose Ave  
Indiana University  
Bloomington, IN 47405-1006  
eboling@indiana.edu  
812-856-8467

Dr. Tony Sanchez  
Professor of Education  
University of Toledo  
Gillham Hall 2000EE  
Toledo, OH 43606  
tsanche@UTNet.UToledo.Edu  
419-530-4337

Dr. Barbara Erwin  
Clinical Associate Professor  
Educational Leadership  
210 North Rose Ave  
Bloomington, IN 47405-1006  
bajerwin@indiana.edu  
812-856-8254

Dr. Suellen K. Reed  
Vice President Business Development, RSSA  
8395 Keystone Crossing, Suite 101, Indianapolis, IN 46204  
Former Superintendent of Schools, Indiana  
SReed@rsanet.com  
800-255-0795

Dr. Carl deGraaf  
Indiana University-Southeast  
4201 Grant Line Road  
New Albany, IN 47150  
cdegraaf@ius.edu  
812-941-2346

Dr. Tom Crawford  
Professor of Chemistry  
University of Louisville  
Louisville, KY  
thcraw01@louisville.edu  
502-852-5972

Dr. Gael Cooper  
Professor of Public Relations  
University of Southern Indiana  
LA3089  
Evansville, IN 47712  
gcooper@usi.edu  
812-465-7136

Dr. Charles Watson  
Chair, School of Education  
1800 Lincoln Ave.  
University of Evansville  
Evansville, Indiana 47722  
cw73@evansville.edu  
812-488-2004