

## Curriculum Vitae

David A. Patterson, Ph.D., M.S.W.

April 2011

### PERSONAL

718 Hickory Lane  
Maryville, TN 37801

email - [dpatter2@utk.edu](mailto:dpatter2@utk.edu)  
<http://web.utk.edu/~dap>

865-681-6023 (home)  
865-974-7511 (work)  
865-406-2581 (mobile)

### EDUCATION

Doctor of Philosophy  
Graduate School of Social Work  
University of Utah  
June 1991

Masters of Social Work  
University of Utah  
Emphasis: Clinical/Direct Practice  
June 1981

Bachelor of Science  
Kent State University  
Major: Therapeutic Recreation  
Minor: Psychology  
March 1976

### ACADEMIC EXPERIENCE

#### PROFESSOR

8/2006 – Present

Primary teaching responsibility is in the M.S.S.W. program. Recent courses include Evidence-based Interpersonal Practice with Groups, Evidence-based Substance Abuse Treatment, Research, and Forensic Social Work. Teaching 129 Freshman Seminar - What a Long Strange Trip: Drug Abuse Across Time, Direct Ph.D. dissertations. Research focused on applied information technology in social services. Supervise M.S.S.W. EBPAS Field student and Ph.D. graduate student working on the Knoxville Homeless Management Information System Community Outreach/Research Project.

College of Social Work  
University of Tennessee

PRINCIPLE INVESTIGATOR/DIRECTOR  
KNOXVILLE HOMELESS  
MANAGEMENT INFORMATION SYSTEM  
6/2004 – Present

Director of HUD funded university outreach and research project to create an integrated network of Knoxville area homeless service providers using encrypted Internet communication linking them to a secure, central homeless information database. Responsibilities include overall project and IT team management, grant writing and reporting, community and advisory board liaison,

College of Social Work  
University of Tennessee  
East TN Coalition to End  
Homeless

and coordination and direction of project research. Managed \$1,285,065 of grant funding over the last five years.

Interim Director  
Clinical DSW Program  
8/2010 – Present

College of Social Work  
University of Tennessee

Responsible for chairing and guiding DSW Task Force in the development of program curriculum and its approval by the Graduate Council, Faculty Senate, Board of Trustees, and THEC.

***Leadership Roles*** – Chair of UT Knoxville Ombudsperson Search Committee 8/2009-3/2010, Chair - UT Knoxville Alcohol on Campus Task Force, 8/2008 - Present, Immediate Past President of the UT Knoxville Faculty Senate 2008-2009, President of the UT Knoxville Faculty Senate 2007-2008. President-Elect of the UTK Faculty Senate 2006-2007. Chair- UT Faculty Senate’s Faculty Appeals Committee (2004-2005). Chair of the UT Faculty Senate’s Faculty Affairs Committee (2001-03). Chair-UT Faculty Senate’s Appeals Committee (2004-2006), Faculty Senate Executive Committee (2001-05). Chair of Faculty Governance Committee-College of Social Work (2001-2006), Chair of College-wide Committee on College’s Web Presence Development. Chair of Task Force on the development of college-wide governance document (1999-2000). Coordinated re-accreditation review of HBSE and Clinical concentration (1999-2000). Chair of College-wide Information Technology Committee (1997 – 2002), Junior faculty mentor.

***ASSOCIATE PROFESSOR***  
8/1997 – 8/2006

College of Social Work  
University of Tennessee

Primary teaching responsibility is in the M.S.S.W. program. Courses taught include Social Work Research, Human Behavior and the Social Environment, Social Work Treatment with Groups, Forensic Social Work, and Substance Abuse Treatment. Three courses have been augmented with web-based materials and online testing. University Graduate School approval to teach in the Ph.D. program and direct dissertations. Taught Research Social Work Practice I and Advanced Applications of Information Technology in the Social Services in the Ph.D. program. Served on dissertation committees for students in Social Work, Clinical Psychology, Nursing, and Health Education. Served two years as a clinical supervisor of social work students in the Psychology Clinic of UTK. Research Associate with the Children’s Mental Health Services Research Center serving on the research team investigating foster care families.

***ASSISTANT PROFESSOR***

College of Social Work

Primary teaching responsibility was in the M.S.S.W. program. Courses taught include Social Work Research, Human Behavior and the Social Environment, Social Work Treatment with Groups, Substance Abuse Treatment, and Computer Applications in Human Services. Taught Junior Field Seminar in the B.S.S.W. program. Research Associate with the Children’s Mental Health Services Research Center served on the research team investigating foster care.

*FACULTY ASSOCIATE*  
9/93 -6/96

Division of Information  
Infrastructure (DII)  
University of Tennessee

*Leadership Roles* - Quarter-time appointment to the University Computer Center (later the DII) as liaison to the College of Social Work. In 1995-1996 served as a committee member of the Vice-Chancellor for the Division of Information Infrastructure's campus-wide User Advisory Committee. Conducted survey of Faculty Associates, Deans and Directors, and Computer Center management assessing the utility of the Faculty Associates program. In 1994-1995 served as Task Force chair for the Community Access and Continuing Education subcommittee of the User Advisory Committee and co-author of the subcommittee report to the Vice-Chancellor. In 1993-1994 served as a member of the campus-wide Instructional Technologies Committee. Conducted and reported on the Instructional Technologies faculty focus group. Directed doctoral students' supervision of the College of Social Work's (Knoxville) computer lab (1993 - 1999).

*TEACHING ASSISTANT*  
1/88 - 6/88

Graduate School of Social Work  
University of Utah

Taught Introduction to Social Work to undergraduates.

*COURSE INSTRUCTOR*  
1/84 - 3/84

Graduate School of Social Work  
University of Utah

Primary teaching responsibility was to teach a for-credit class (Mad or Bad-The Mentally Ill Offender) through the Division of Continuing Education and the Graduate School of Social Work on the management and treatment of the mentally ill offender.

*COURSE INSTRUCTOR*  
9/80 - 6/81

Dept. of Counseling Psychology  
University of Utah

Taught Introduction to Counseling Skills and Career and Life Planning to undergraduates.

## **DOCTORAL STUDENTS SUPERVISED**

Dissertation Chair – University of Tennessee

Courtney Cronley – 2010

Charles Dabbs – In progress

Kathleen Darby – 2007

Randall Basham - 2002

Christopher Flaherty -2001

Richard N. Cloud

Vandaly Wilson

Committee Member - University of Tennessee

*College of Social Work*

Charlene P. Bruley

Juan Barthelemy

Jeff Paddock  
Sachin Karnik  
Heeyon Kim  
Katherine Rhodes  
Maureen Newton  
Rebecca Sapp  
Todd S. Stanfield  
Tanya Ramsey

Department of Psychology

Lindey Kate Colman 2010 (candidate)  
Ryan Shorey 2010 (candidate)  
Charles Ahern 2000

*College of Nursing*

Veronica Mately

*Department of Health Education*

Kris Wright

## **PUBLICATIONS**

### **Articles In Refereed Journals**

Cronley, C. & Patterson, D. A. (in press). Does the Organization Matter? A Multilevel Analysis of Organizational Effects in Homeless Services Innovations. *Social Work Research*.

Nooe, R. M. & Patterson, D.A. (2010). The Ecology of Homelessness. *Journal of Human Behavior in the Social Environment*, 20, 2, 105-152.

Nooe, R. M. & Patterson, D.A. (2010). The Complexities of Homelessness: Theoretical and Empirical Analyses. (Special Issue Eds). *Journal of Human Behavior in the Social Environment*, 20, 2.

Cronley, C. & Patterson, D. A. (2010). How well does it fit?: An organizational culture approach to assessing technology use among homeless service providers. *Administration in Social Work*, 34, 3, 286-303.

Cronley, C., Strand, E. B., Patterson, D. A., & Gwaltney, S. (2009). Homeless animal caretakers: A descriptive and comparative study. *Psychological Reports*, 105, 481-499.

Patterson, D. A. (2006). A Large Scale, Asynchronous, Web-based MSW Comprehensive Exam Administration: Outcomes and Lessons Learned. *Journal of Social Work Education*.

Patterson, D. A. (in press). The Application of Three Dimensional Surface Plots in the Evaluation of Group Psychotherapy Training Groups. Research on Social Work Practice.

Orme, J. G., Buehler, C., McSurdy, M., Rhodes, K. W., Cox, M. E., Patterson, D. A. (2004). Demographic and Psychosocial Characteristics of Family Foster Care Applicants. Children and Youth Services Review.

Patterson, D. A. & Basham, R. E. (2003) Visualizing Change: Spreadsheets and Graphical Representation Across Domains in Human Service Practice. The Journal of Technology for Human Services, 21, (4), 1-16.

Flaherty, C. W. & Patterson, D. A. (2003) Predicting Child Physical Abuse Recurrence: Comparison of a Neural Network to Logistic Regression. The Journal of Technology for Human Services, , 21, (4), 93-112.

Patterson, D. A. & Basham, R. E. (2002). Data Visualization Procedures in the Analysis of Group Treatment Outcomes Across Units of Analysis. Small Group Research. 33, (2), 209-33.

Civerchia-Balent, L. C., Narendrum, K., Patel, S., Patterson, D. A. (2001) High Volume Sutureless Intraocular Lens Surgery In a Rural Eye Camp in India, Ophthalmic Surgery and Lasers, 32(6), 446-455.

Patterson, D. A. (2001). The Deployment of Information Technology in an International Rural Health Care Project. The Journal of Technology for Human Services, 18 (3/4), 23-40.

Buehler, C., Orme, J., Post, J, & Patterson, D. (2000). The long-term correlates of family foster care. Children and Youth Services Review, 22(8), 595-625.

Patterson, D. A. & Cloud, R. N. (1999). The application of artificial neural networks for outcome prediction in a cohort of severely mentally ill outpatients. The Journal of Technology for Human Services, 16 (2/3), 47- 61.

Patterson, D. A. & Lee, M.S. (1998) Intensive case management and rehospitalization: A survival analysis. Research on Social Work Practice, 8(2), 151-171.

Patterson, D. A., Pullen, L., Evers, E., Champlin, D. L., & Ralson, R. (1997) An Experimental Evaluation of HyperCDTX: Multimedia Substance Abuse Treatment Education Software. Computers in Human Services.

Patterson, D. A. (1996). Research and practice: The great divide in substance abuse treatment. Reflections: Narratives of Professional Helping. 2(2), 4-10.

Patterson, D. A. (1996) An electronic social work knowledge base: A global strategy for information sharing. International Social Work. 39(2), 149-162.

Patterson, D. A., Lee, M.S., Evers, E. (1996) Mapping hypermedia informational space utilization, Computers in Human Services, 13(1), 1-20.

Patterson, D. A. & Lee, M.S. (1995) A field trial of Global Assessment of Functioning Scale-Modified. The American Journal of Psychiatry, 152(9), 1386-1388.

Patterson, D. A. & Yaffe, J. (1994) Hypermedia computer based education in social work education, Journal of Social Work Education, 30 (2), 267-277.

Patterson, D. A. & Yaffe, J. (1993) An evaluation of computer-assisted instruction in teaching Axis II of the DSM-III-R to social work students. Research on Social Work Practice, 3 (3), 343-357.

Patterson, D. A. (1991) Hypertext computer aided instruction in training graduate students in the use of DSM-III-R Axis II (abstract) Social Work Research & Abstracts, 27 (3).

### **Articles in revision**

Patterson, D. A., Kar, S., Constable, W. & Deravin, E. (under revision). Changes in Quality of Life for Rural Indian Villagers Following Eye Camp Cataract Surgery. Health and Social Work.

### **Articles in Nonrefereed Journals**

Patterson, D.A. (1993, December) National Health Care Reform and Employee Assistance Programs, solicited article for Employee Assistance Magazine.

### **Articles in Preparation**

Patterson, D. A., DeCoster, V., & Basham, R. E. (in preparation) The Absence of Spreadsheets in Social Work Research Education.

Patterson, D. A., Post, J. A., & Buehler, C. (in preparation). The Application of Data Visualization in Understanding Lives in Foster Care.

Patterson, D. A., Basham, R. E., McGhee, M. J., & Dougherty, L. (in preparation). Teaching Social Work Treatment with Groups Through Experiential Training Groups.

### **Books**

Patterson, D. A. & Basham, R. E. (2006). Data Analysis with Spreadsheets. Boston: Allyn & Bacon, pp 350.

<http://www.ablongman.com/catalog/academic/product/0,1144,020540751X,00.html>

Patterson, D. A. (2000) Personal Computer Applications in Social Services. Allyn & Bacon, pp. 335, <http://vig.abacon.com/catalog/abbooks/0,1855,0205285376,00.html>

Patterson, D. A. (2000) Instructor's Manual for Personal Computer Applications in Social Services. Allyn & Bacon. pp. 178.

### **Book Manuscript in preparation**

Patterson, D. A. & McGhee, M. J. (in preparation) Many Mirrors: Multiple Perspectives on the Experience of Group Psychotherapy.

### **Book Chapters**

Patterson, D. A. (2007). Tools and Technology. Encyclopedia of Social Work. Oxford University Press.

Patterson, D. A. (2007). Evidence-Based Substance Abuse Treatment: Applicability Across Borders. In the Proceedings of 20<sup>th</sup> International Conference on Social Work between Local and International Variables – Helwan University- March 11-12, 2007, Cairo and Helwan, Egypt

Patterson, D. A. (2007). Social Work Applications of Information and Communication Technology: An Examination of Tools of Practice. In the Proceedings of 20<sup>th</sup> International Conference on Social Work between Local and International Variables – Helwan University- March 11-12, 2007, Cairo and Helwan, Egypt

Patterson, D. A. (2006). Using the School's Database System to Construct Accountability Tools. Franklin, C., Harris, M.B., & Allen-Meares, P. (Eds.), School Social Work and Mental Health Workers Training and Resource Manual, Oxford University Press.

Patterson, D. A. (2001). The Deployment of Information Technology in an International Rural Health Care Project. In J. Miller-Cribbs (Ed.), New Advances in Technology for Social Work Education and Practice. 23 – 40.

Patterson, D. A. (2000). The Deployment of Information Technology in an International Rural Health Care Project. In The Proceedings of the 4<sup>th</sup> Annual Information Technology for Social Work Education and Practice Conference. College of Social Work, University of South Carolina.

Patterson, D. A. & Cloud, R. N. (1999). The application of artificial neural networks for outcome prediction in a cohort of severely mentally ill outpatients. In J. A. R. Coe & G. M. Menon (Eds.), Computers and Information Technology in Social Work: Education, Training and Practice. pp. 47-61, Haworth Press: New York.

Patterson, D. A. & Cloud, R. N. (1998). The application of artificial neural networks for outcome prediction in a cohort of severely mentally ill outpatients. In The Proceedings of The 2<sup>nd</sup> Annual Information Technology for Social Work Education and Practice Conference. College of Social Work, University of South Carolina.

Patterson, D. A. (1997). Should social workers support the inpatient treatment of substance abusers who do not need detoxification?--No!, In B. A. Thyer (Ed.), Controversial Issues in Social Work Practice. pp. 81-94, Allyn and Bacon: Boston, MA.

Patterson, D.A. (1991) HyperAxis II - HyperCard computer based instruction for training mental health professionals in DSM-III-R Axis II, In J. G. Anderson (Ed.), Simulation in Health Care. pp. 245 - 252. Simulation Councils, Inc.: San Diego, CA.

Patterson, D. A. (1990) HyperCard CAI for training graduate students in the use of DSM-III-R Axis II. (abstract) American Medical Informatics Association-First Annual Education and Research Conference , Edited by Mitchell, J. A.

Patterson, D. A. (1987). Diagnosis and assessment of the mentally ill offender In V. Smith (Ed.), Mentally Ill Offenders: A Resource and Training Guide. (147-159) State Division of Mental Health, Utah Department of Social Services.

Patterson, D. A. (1987). The violent mentally ill offender: Management and treatment In V. Smith (Ed.), Mentally Ill Offenders: A Resource and Training Guide, (270-283) State Division of Mental Health, Utah Department of Social Services.

### **Book Reviews**

Patterson, D.A. (2004) Book Review- Addiction Treatment: A Strengths Perspective. Health and Social Work 29(4), 345-346.

### **Research Reports to Sponsors**

Patterson, D. A. (1993). Directions and Options in Computer Based Education. University of Tennessee, Social Work Office of Research and Public Service, Knoxville.

### **Op-Ed Publications**

Patterson, D. A. (July 5, 2008). UT's Flagship Campus in Knoxville is Taking on Water. Knoxville News Sentinel, <http://www.knoxnews.com/news/2008/jul/05/uts-flagship-campus-in-knoxville-taking-on-water/>

Patterson, D. A. (October 21, 2007). UT Future: Field of Whose Dreams? Knoxville News Sentinel, <http://www.knoxnews.com/news/2007/oct/21/ut-future-field-whose-dreams/>

## **OTHER CREATIVE ACCOMPLISHMENTS**

### **Web-sites**

<http://web.utk.edu/~dap>

<http://knoxhmis.sworps.utk.edu>



<http://edtech.tennessee.edu/projects/dpatter2/MET/Start.htm>

<http://itc.utk.edu/about/archives/twt/2000/modules/dpatter2/>

<http://knoxhomelessconnect.org/>

## **Software**

Patterson, D. A. & Basham, R. E. (2005). Data Analysis with Spreadsheets: Multimedia Modules. (CD-ROM). Boston: Allyn & Bacon.

Patterson, D. A. (2000) Using Spreadsheets for Data Collection, Analysis, and Graphical Representation. (Interactive web-based software with audio-visual demonstrations of software skills).

Patterson, D. A., Pullen, L., & Evers, E. (1995) HyperCDTX - Multimedia software for substance abuse treatment education.

Patterson, D.A. & Evers, E. (1993) HyperAxis II -Computer based instruction for DSM-III-R Axis II (Windows version).

Patterson, D.A. (1991) HyperAxis II -Computer based instruction for DSM-III-R Axis II (Macintosh version).

## PRESENTATIONS

### **Invited Speeches/Presentations**

Patterson, D.A. (2010). Social Work Ethics and Evidence-Based Practice. UT- CSW Field Instructors' Training. Community Law Office, Knoxville, TN May 4<sup>th</sup>, 2010.

Patterson, D.A. (2009). The Homeless Among Us: Technology to Know and Aid Our Neighbors. University Studies Centripetals Luncheon, September 30, 2009

Patterson, D.A. & Bashman, R. E. (2008). Teaching Data Analysis with Spreadsheets: Robust and Readily Available Tools for Practice and Research. Invited Faculty Development Institute workshop. CSWE-APM, October 30, 2008, Philadelphia, PA

Patterson, D. A. (2008). UT Knoxville Faculty Senate President's Welcome Address. The University of Tennessee Board of Trustees Summer Meeting. June 20, 2008, Knoxville, TN.

Patterson, D. A. (2007) UT Knoxville Faculty Senate President's Welcome Address. The University of Tennessee Board of Trustees Fall Meeting. November 9, 2007, Knoxville, TN.

Patterson, D. A. (2007). Evidence-Based Substance Abuse Treatment: Applicability Across Borders. 20<sup>th</sup> International Conference on Social Work between Local and International Variables – Helwan University- March 11-12, 2007, Cario and Helwan, Egypt

Patterson, D. A. (2007). Social Work Applications of Information and Communication Technology: An Examination of Tools of Practice. 20<sup>th</sup> International Conference on Social Work between Local and International Variables – Helwan University- March 11-12, 2007, Cairo and Helwan, Egypt

Meschede, T., Patterson, D. A., & Oliva, J. P. (2006). More than #s and %s: Advanced Analysis and Modeling of HMIS Data. Invited Presentation. National HMIS Conference. Denver, CO. September 18, 2006.

Meschede, T., Patterson, D. A., & Hemstetter, C. (2005). What can you learn from analysis of universal and program specific data elements? Invited Presentation. National HMIS Conference. St. Louis, MO. September 13, 2005.

Friedman, D. H., Patterson, D. A., & Hemstetter, C. (2004). Bridging the researcher-provider gap. Invited Presentation. National HMIS Conference. Chicago, IL. September 15, 2004.

Patterson, D.A. & Bashman, R. E. (2001). Visualizing and Conceptualizing Information to Support Practice. Invited Panel Presentation. HUSITA 6 (Human Services Information Technology Applications)- Conference, Charleston, South Carolina, September 16<sup>th</sup>, 2001.

Cloud, R.N. & Patterson, D. A. (1999). The Application of Artificial Neural Networks for Outcome Prediction in a Cohort of Severely Mentally Ill Outpatients. Invited presentation at the APM of the Council on Social Work Education, March 1999. San Francisco, CA.

Patterson, D. A. (May 10, 1996) Information Technology: Applications in Perinatal Social Work. National Association of Perinatal Social Workers 20th Anniversary Conference, Memphis, TN. (Audience - 125).

Patterson, D. A. (1995, September 29) Plenary Address: Information Technology in Substance Abuse Treatment: Obstacles and Opportunities. Sixth Annual - Combined Alcohol and Drug Associations Conference, Gatlinburg, TN. (Audience - 150).

Patterson, D. A. (1993) Plenary Address: National Health Care Reform and TennCare: How to Survive the Coming Change, The Combined Alcohol and Drug Associations Conference, September 17, 1993, Knoxville, TN. (Audience - 150).

## **Presentations**

Patterson, D. A. & Cronley, C. (2006). Applying Technology in Coordinated Health and Mental Health Care for the Homeless. 5<sup>th</sup> International Conference on Social Work in Health and Mental Health, Hong Kong, December 10-14, 2006.

Nooe, R., & Patterson, D.A. (November 2004). An Update on Homelessness. TCSW-Middle East Tennessee. Knoxville, TN

Patterson, D. A. & Basham, R. E. (2004). Spreadsheets: Readily Available Tools for Multiple ITC Tasks in the Social Services. 7th International Conference of Human Services Information Technology Applications (HUSITA7). Hong Kong. August 24-27, 2004.

Patterson, D. A. & Basham, R. E. (2004). Using Spreadsheets to Teach Research Skills for Social Work Practice. Council on Social Work Education Annual Program Meeting. Anaheim, CA. February 2004.

Patterson, D. A. & Basham, R. E. (2004). Spreadsheets: Robust and Flexible Tools for Data Analysis in Social Work Research. Society for Social Work and Research. New Orleans. January 16-19, 2004

Nooe, R., Stephens, M., & Patterson, D.A. (October 2003). An Introduction to Forensic Social Work. TCSW-Middle East Tennessee. Knoxville, TN

Nooe, R., Stephens, M., & Patterson, D.A. (May 2003). Forensic Social Work: An Introduction. UT College of Social Work Continuing Education Workshop. Community Law Office of the Knox County Public Defender.

Patterson, D.A. (2002) Crossing the Digital Divide in the Social Services: Practical Applications of Information Technology. East Tennessee TCSW Conference. October, 2002. The University of Tennessee. Knoxville, TN.

Patterson, D. A. & Basham, R. E. (2001) Visualizing Change: Spreadsheets and Graphical Representation Across Domains in Human Service Practice. HUSITA 6 (Human Services Information Technology Applications)- Conference, Charleston, South Carolina, September 15<sup>th</sup>, 2001.

Flaherty, C. W. & Patterson, D. A. (2001) Predicting Child Physical Abuse Recurrence: Comparison of a Neural Network to Logistic Regression. HUSITA 6 (Human Services Information Technology Applications)- Conference, Charleston, South Carolina, September 16<sup>th</sup>, 2001.

Patterson, D. A. & Basham, R. E. (2001). Data visualization procedures in the analysis of group treatment outcomes across units of analysis. Oral Paper Presentation. SSWR Fifth Annual Conference, Atlanta Georgia, January 20-22, 2001.

Orme, J. G., Buehler, C., McSurdy, M., Rhodes, K. W., Cox, M. E., Patterson, D. A. (2001). Demographic and Psychosocial Characteristics of Family Foster Care Applicants. Symposium. SSWR Fifth Annual Conference, Atlanta Georgia, January 20-22, 2001.

Patterson, D. A., Kar, S., & Constable, W. W. (2001). Changes in Quality of Life for Rural Indian Villagers Following Cataract Surgery. Poster Session, SSWR Fifth Annual Conference, Atlanta Georgia, January 20-22, 2001.

Patterson, D. A. (2000). The Deployment of Information Technology in an International Rural Health Care Project. The 4<sup>th</sup> Annual Information Technology for Social Work Education and Practice Conference. Sponsored by the College of Social Work, University of South Carolina. Charleston, SC, August 27<sup>th</sup> - 30<sup>th</sup>.

Patterson, D. A. (2000). Teaching and Using Spreadsheets in Data Collection, Statistical Analysis, Graphical Representation. A conference workshop. The 4<sup>th</sup> Annual Information Technology for Social Work Education and Practice Conference. Sponsored by the College of Social Work, University of South Carolina. Charleston, SC, August 27<sup>th</sup> - 30<sup>th</sup>.

Patterson, D. A. (2000). The Application of Three Dimensional Surface Plots in the Evaluation of Group Psychotherapy Training Groups. Evaluation for Practice Conference, University of Huddersfield, Huddersfield, England, July 12 -14, 2000.

Buehler, C., Orme, J., Post, J. A. & Patterson, D. (1999). Long-Term Correlates of Family Foster Care. Third Annual Conference of the Society for Social Work and Research, Austin, TX. January, 1999.

Patterson, D. A. & Post, J. A. (1999) The Application of Data Visualization in Understanding Lives in Foster Care. Third Annual Conference of the Society for Social Work and Research, Austin, TX. January, 1999.

Patterson, D. A. (1998) Basic Skills in Substance Abuse Assessment and Intervention. Middle East Tennessee Regional Meeting of the Tennessee Conference on Social Welfare. November 6, 1998.

Patterson, D. A. & Cloud, R. (1998) The Application of Artificial Neural Networks for Outcome Prediction in a Cohort of Severely Mentally Ill Outpatients. Presented 8/22/98 at the Information Technologies for Social Work Education and Practice, Charleston, SC.

Rhodes, K. W., Orme, J. G., Patterson, D. A. (1998). Predicting new foster parents at risk of exit from foster care. Paper presented at the annual research conference for the Research and Training Center for Children's Mental Health, Orlando, FL.

Patterson, D. A. & Neff, K (1997) The Application of Artificial Neural Networks in Prediction of Rehospitalization. Presentation in the Quantitative Methods Section/APM, Chicago, 3/97.

Patterson, D. A. (June, 1996) An Experimental Evaluation of HyperCDTX: Multimedia Substance Abuse Treatment Education Software, HUSITA 4 (Human Services Information Technology Applications), University of Lapland, Rovaniemi, Lapland, Finland.

Patterson, D. A. & Pullen, L. (1995, October) Interactive Computer Software Training Program: Substance Abuse. Poster Session. Nursing Research Conference, Nashville, TN.

Patterson, D. A. (1993) Beyond the medical model: Recent advances in substance abuse treatment, workshop presentation at the state meeting of the Tennessee Conference on Social Welfare April 1993.

Patterson, D. A. (1992) An electronic social work knowledge base: A global strategy for information sharing, presented at the 26th International Congress of Schools of Social Work, Washington, DC, July 1992.

Patterson, D. A. (1992) Hypertext clinical training: user directed education, presented at the Annual Program Meeting/Counsel on Social Work Education, Kansas City, MO, March 1992.

### **Software Demonstrations**

Patterson, D. A. & Basham, R. E. (2002). Using Spreadsheets for Data Collection, Analysis, and Graphical Representation. Annual Program Meeting – Council on Social Work Education, Nashville, TN., February 26, 2002.

Patterson, D. A. (2001). ) Using Spreadsheets for Data Collection, Analysis, and Graphical Representation- Multivariate Version. Teaching and Learning with Technology: Best Practices @ UT2001 Showcase.

Patterson, D. A. (2000). ) Using Spreadsheets for Data Collection, Analysis, and Graphical Representation. Teaching and Learning with Technology: Best Practices @ UT2000 Showcase.

Patterson, D. A. (June, 1996) HyperCDTX: Multimedia Computer-based Substance Abuse Treatment Education, HUSITA 4 (Human Services Information Technology Applications), University of Lapland, Rovaniemi, Lapland, Finland.

Patterson, D. A. (July, 1995) Applications of information technology in rural social work education. Presentation at the 20th Annual National Rural Social Work Conference, Knoxville, TN.

Patterson, D. A. (September, 1994) HyperSkills: Multimedia interactive computer-based education in interpersonal helping skills. Presentation at European Network for Information Technology and Human Services 4, Berlin, Germany.

Patterson, D. A. (January, 1991) HyperAxis II - HyperCard computer based instruction for training mental health professionals in DSM-III-R Axis II presented at the 1991 Western MultiConference on Computer Simulation.

Patterson, D. A. (March, 1991) HyperAxis II -Computer based instruction for DSM-III-R Axis II computer program demonstration presented at the Annual Program Meeting/Counsel on Social Work Education, New Orleans, LA.

Patterson, D. A. (June, 1990) HyperCard CAI for training graduate students in the use of DSM-III-R Axis II. American Medical Informatics Association-First Annual Education and Research Conference.

### **Software Exhibition**

Patterson, D.A. (1993) HyperAxis II, on exhibition in **Digital Check-up**, an exhibition of medical education software sponsored by the National Endowment for the Arts, at the Visual Studies Workshop, Rochester, NY.

### **EDITORIAL BOARDS**

Best Practices in Mental Health: An International Journal 2007-Present

Journal of Technology for Human Services (formerly Computers in Humans Services) 1998 – Present

Consulting Editor-Information Technology, Journal of Social Service Research™ 2005

Currents: New Scholarship in the Human Services (2001 - present)

### **GUEST REVIEWER**

Research on Social Work Practice 1993, 1994 & 1996

### **RESEARCH PROJECTS CURRENTLY IN PROGRESS**

HMIS Data Mining Project

Information Technology Diffusion Study

### **RESEARCH GRANTS AND SUPPORT – Total Funded Research - \$1,675,489**

Patterson, D. A. (2011). U.S. Department of Housing and Urban Development (HUD) Knoxville Homeless Continuum of Care -Homeless Management Information System Proposal. Fifth year renewal. \$132,894. Funded by HUD.

Patterson, D. A. (2010). U.S. Department of Housing and Urban Development (HUD) Knoxville Homeless Continuum of Care -Homeless Management Information System Proposal. Fifth year renewal. \$132,894. Funded by HUD.

Patterson, D. A. (2010). City of Knoxville - Community Grants Funding – Knoxville HMIS Matching Funds. \$10,000 funded.

Patterson, D. A. (2010). University of Tennessee Office of Research – SARIF grant. \$5000 funded.

Patterson, D. A. (2010). Knox County - Community Development Block Grant – Knoxville HMIS Matching Funds. \$10,000 funded.

Patterson, D. A., Cooper, R. L., Orme, J., & Nugent, W. (2010). Homelessness Change Readiness Assessment Instrument Development, National Institute of Drug Abuse, (R-1 Requested \$1,675,577 – unfunded.

Patterson, D. A. (2009). U.S. Department of Housing and Urban Development (HUD) Knoxville Homeless Continuum of Care -Homeless Management Information System Proposal. Fifth year renewal. \$138,894. Funded by HUD.

Patterson, D. A. & Buckingham, M. (2009). HMIS Integration Grant. City of Knoxville Ten Year Plan Office/East Tennessee Foundation, \$100,000. Funded

Patterson, D. A. (2009). City of Knoxville - Community Grants Funding – Knoxville HMIS Matching Funds. \$10,000 funded.

Patterson, D. A. (2009). University of Tennessee Office of Research – SARIF grant. \$5000 funded.

Patterson, D. A. (2009). Knox County - Community Development Block Grant – Knoxville HMIS Matching Funds. \$10,000 funded.

Patterson, D. A. & Wodarski, J. S. (2009). Web-based Interactive Video for Evidence-based Rural Substance Abuse Treatment. NIH Challenge Grants in Health and Science Research (RC-1), \$365,413 requested. Not funded.

Human-Hillard, L. & Patterson, D. A. (2008). Integrated Dual Disorders Treatment Initiative. U.S. Substance Abuse and Mental Health Services Administration (SAMHSA). \$399,515 requested. Not funded.

Patterson, D. A. (2008). Knox County - Community Development Block Grant – Knoxville HMIS Matching Funds. \$10,000 funded.

Cronley, C. & Patterson, D. A. (P.I.) (2008) Doctoral Dissertation Research Grant, \$25,000. Funded by HUD.

Patterson, D. A. (2008). University of Tennessee Office of Research – SARIF grant. \$5000 funded.

Patterson, D. A. & Buckingham, M. (2008). HMIS Integration Grant. City of Knoxville Ten Year Plan Office/East Tennessee Foundation, \$100,000. Funded

Patterson, D. A. (2008). City of Knoxville - Community Grants Funding – Knoxville HMIS Matching Funds. \$10,000 funded.

Patterson, D. A. (2008). Knox County - Community Development Block Grant – Knoxville HMIS Matching Funds. \$10,000 funded.

Patterson, D. A. (2008). U.S. Department of Housing and Urban Development (HUD) Knoxville Homeless Continuum of Care -Homeless Management Information System Proposal. Fifth year renewal. \$138,894. Funded by HUD.

Cronley, C. & Patterson, D. A. (P.I.) (2007) Doctoral Research Grant, \$15,000 funded by HUD.

Patterson, D. A. (2007). University of Tennessee Office of Research – SARIF grant. \$5000 funded.

Patterson, D. A. (2007). City of Knoxville - Community Grants Funding – Knoxville HMIS Matching Funds. \$10,000 funded.

Patterson, D. A. (2007). Knox County - Community Development Block Grant – Knoxville HMIS Matching Funds. \$10,000 funded.

Patterson, D. A. (2007). United Way of Greater Knoxville – Knoxville HMIS Matching Funds. \$10,000 funded.

Patterson, D. A. (2007). City of Knoxville – Emergency Shelter Grant – Knoxville HMIS Matching Funds. \$10,000 Unfunded.

Patterson, D. A. (2007). U.S. Department of Housing and Urban Development (HUD) Knoxville Homeless Continuum of Care -Homeless Management Information System Proposal. Fourth year renewal. \$138,894. Funded by HUD.

Patterson, D. A. (2006). A Test of Mobile Wireless Devices in Homeless Outreach: Linking Outreach Workers to Data Resources. Microsoft Research. \$93,359. Unfunded

Patterson, D. A. and Wodarski, J. (2006). The Way Home: A Housing First/Integrated Dual Disorders Treatment Initiative. U.S. Substance Abuse and Mental Health Services Administration (SAMHSA). \$399,515. Unfunded.

Patterson, D. A. (2006). City of Knoxville - Community Grants Funding – Knoxville HMIS Matching Funds. \$10,000 funded.

Patterson, D. A. (2006). Knox County - Community Development Block Grant – Knoxville HMIS Matching Funds. \$10,000 funded.

Patterson, D. A. (2006). United Way of Greater Knoxville – Knoxville HMIS Matching Funds. \$10,000 funded.



Patterson, D. A. (2006). City of Knoxville – Emergency Shelter Grant – Knoxville HMIS Matching Funds. \$10,000 Unfunded.

Patterson, D. A. and Nooe, R. (2006). U.S. Department of Housing and Urban Development (HUD) Knoxville Homeless Continuum of Care -Homeless Management Information System Proposal. Third year renewal. \$138,894. Funded by HUD.

Patterson, D.A. and Nooe, R. (2004). U.S. Department of Housing and Urban Development (HUD) Knoxville Homeless Continuum of Care -Homeless Management Information System Proposal. \$277,789- Funded

Patterson, D.A. and Nooe, R. (2004). U.S. Department of Housing and Urban Development (HUD) Knoxville Homeless Continuum of Care -Homeless Management Information System Matching Funds pledged \$86,700 received to date.

Patterson, D.A. and Nooe, R. (2004). U.S. Department of Housing and Urban Development (HUD) Lakeway Homeless Continuum of Care -Homeless Management Information System Proposal. \$180,589 requested-Unfunded.

Patterson, D.A. (2003). UT Center for Criminology and Criminal Justice Research Assistantship \$7500. Funded

Patterson, D.A. (2003) Faculty First Grant. Innovative Technologies Collaborative, University of Tennessee

Patterson, D. A. (2001) Evaluation of the Role of Health Care Providers' Spiritual Practices on Patient Quality of Life Outcomes in Rural India. \$99,953 requested. Fetzer Foundation. Unfunded.

Patterson, D. A. (2001) Teaching with Technology Summer Institute. Innovative Technologies Collaborative, University of Tennessee

Patterson, D. A. (2000) Teaching with Technology Summer Institute. Innovative Technologies Collaborative, University of Tennessee.

Patterson, D. A. (1996-1997). The Application of Artificial Neural Networks in Prediction of Rehospitalization. College of Social Work Faculty Research and Development Grant.

Patterson, D. A. (1995-1996). HUSITA 4 International Conference: A Proposal for a Paper Presentation and Software Demonstration. University of Tennessee Graduate School. Career Enhancement Award.

Patterson, D. A. & Pullen, L. (1994-1995). Substance Abuse Education in Nursing and Social Work: A Proposal for Development of Interactive Computer-Based Software, University of Tennessee, Graduate School, Faculty Development Award.

Patterson, D. A. & Pullen, L. ( 1994-1995). Substance Abuse Education in Nursing and Social Work: A Proposal for Development of Interactive Computer-Based Software, College of Social Work Faculty Research and Development Grant.

Patterson, D. A. (1992-1993). A Quantitative and Qualitative Evaluation of HyperAxis II: Computer Based Instruction for DSM-III-R Axis II funded by a College of Social Work Faculty Research and Development Grant.

Patterson, D. A. (1992) Apple Macintosh II computer provided by Apple Computers on long-term loan.

## **UNIVERSITY, COMMUNITY, AND PROFESSIONAL SERVICE**

### **Social Work Committees**

DSW Task Force 2010-Present  
MSSW Curriculum Committee (2000-2004)  
Faculty Governance Committee - Chair (2001-2007)  
BSSW Committee (1991 - 1993)  
Campus Chest Representative (1991 - 1993)  
Computer Committee - Chair (1992 - 2000)  
Dean's Retirement Committee (1996)  
Faculty Committee (1993 - 1995)  
Financial Aid Committee (1993 - 1999)  
Foundation Committee (1991 - 1999)  
Ph.D. Committee (1996 – 2004, 2005-2006)  
S. W. Treatment Committee (1991 - 1999)  
Search Committee (1993 - 1994)  
Wide-Area Network Committee (1994 - 1997)  
Chair College-wide Computer Committee (1997 – 2000).  
MSSW Admissions Committee (1999 - 2001)  
Ph.D. Admissions Committee (1996 - 2002)

### **University Committees**

Campus Environment Committee 2010 – Present  
University Center Planning Committee 2010 – Present  
Past-President UTK Faculty Senate 2008-2009  
    Chair-UT Alcohol on Campus Task Force

President UTK Faculty Senate (2007-2008)  
    Chancellors Advisory Board  
    UT Faculty Council  
    Chancellors Associates  
    Enrollment Management  
    Commission for Blacks

Commission for Women

Commission of GLBT

President-elect UTK Faculty Senate (2006-2007)

Faculty Senate Executive Committee (2001 – present)

Faculty Appeals Committee – Chair – 2004-2005

University of Tennessee's Faculty Senate (1998 – 2001, 2004 - present).

Faculty Senate's Faculty Affairs Committee (2000 - 2004).

Chair - Faculty Senate's Faculty Affairs Committee (2001-2003)

Faculty Senate's Student Affairs Committee (1998 - Present).

UTK Teaching, Learning, and Technology Roundtable (1999-2000).

User Advisory Committee to the Vice-Chancellor for the Division of Information Infrastructure (1994 - 1997)

Instructional Technology Committee (1993 - 1994)

### **Pro Bono Service and Consultation**

SYDA Foundation – 6/2002 – 7/2002 – Consultation on developing contract-based peer support groups for spiritual and personal development.

Netraprakash Eye Camp 2/1999 – 5/1999, Ganeshpuri, India– Director of Clinical Statistics and Data Management. Managed a diverse, international team of professionals offering volunteer service in the collection, analysis, and reporting on data from a cataract surgery eye camp in rural India. Tracked over the ten-day duration of the camp the admission of 1190 patients, surgical procedures and clinical outcomes of surgical patients, and subsequent discharge and follow-up data. Duties included pre-camp review of prior data collection and analysis methods, review of the Access database design, coordination of team data collection and reporting activities, design and delivery of all necessary patient flow reports, and generation of final report of clinical statistics at the end of the Follow-up Camp in May 1999.

Helen Ross McNabb Mental Health Center - Evaluation of Intensive Case Management Services (1992 - 1996).

PRASAD Project (an international aid organization) - Computer Systems Consultation (1993 - 1995)

### **Consultation**

Knox County Public Defenders Office 1998 – Present – Consultant to the Public Defender and defense attorneys in his office. Provide biopsychosocial assessments and aid in the identification mitigating factors in capital murder cases. Consultant on four capital murder cases to date.

East Tennessee Federal Public Defenders (2003) – Evaluation and case consultation.

Information Technology Systems Evaluation - Drug Rehabilitation Inc. (DRI) 1996.

Multimedia Software Development and Consultation - University of Tennessee College of Social Work Office of Research and Public Service. 1993 - 1994.

### **Board Membership**

Citizens for the Ten Year Plan Steering Committee 2010 – Present  
Knox County Drug Court Board of Directors 2007- Present

UT Digital Media Services Advisory Board

Online UT Advisory Board

### **Professional Affiliations**

American Association of University Professors  
Council on Social Work Education  
Society for Social Work and Research

### **PROFESSIONAL EXPERIENCE**

#### *HEALTH INFORMATION ANALYST*

1/90-6/91

Health Information Research  
Alta Health Strategies

Conducted health information research and data analysis. Provided analysis of corporation's health care benefits utilization. Managed the design, production, evaluation, and distribution of Alta's Health Care Management reports. Provided consultation services to corporations regarding psychiatric and chemical dependency benefit management and utilization reporting.

#### *SENIOR PSYCHIATRIC CASE MANAGER*

6/88-1/90

Alta Review  
Alta Health Strategies

Provided psychiatric and chemical dependence utilization review. Established outpatient utilization review program and PC based data management system. Conducted quarterly data analysis for national client on outpatient psychiatric utilization.

#### *PROGRAM SPECIALIST*

Adult Inpatient Unit

8/86-10/87

Western Institute  
of Neuropsychiatry

Administrative Duties: Planned and supervised the treatment program and clinical services provided to patients on the Dissociative and Personality Disorder treatment track. Supervised clinical and nursing staff in the treatment of dissociative and personality disordered patients. Established a data collection protocol for research purposes.

Clinical Duties: Conducted a three times a week therapy group for affective, eating, dissociative, and personality disordered patients. Provided individual, marriage, and family therapy. Prepared detailed psycho-social histories. Supervised social work graduate student. Supervised para-professional counseling staff.

*CLINICAL SOCIAL WORKER*

6/85-11/87

Provided a broad range of clinical services to private patients, including individual, group, marriage and family counseling. Clinical specialties included hypnotherapy, treatment of personality disordered individuals, and use of Transactional Analysis/Redecision Therapy.

Canyon Rim Psychotherapy

Part-time Private Practice

*CLINICAL SOCIAL WORKER/PROGRAM DIRECTOR*

Salt Lake Mental Health

6/85-8/86

Administrative Duties: Assisted in the planning and initial opening of this acute day treatment program. Designed a data collection tool and established a computer based data compilation procedure for the on-going research of the population served by the unit and the efficacy of the program. Supervised the planning and implementation of program and milieu structure.

Clinical Duties: Reviewed intake referrals and assignments of patient to staff. Provided individual, group, and family therapy to clients for whom the unit is attempting to prevent hospitalization or provide smooth transition back into the community following hospitalization. Provided crisis intervention. Supervised social work graduate students training at the unit.

Short-term Alternative

Treatment Center Unit(STAT)

*CLINICAL SOCIAL WORKER*

Department of Psychiatry

1/83 - 6/85

Teaching Experience: Clinical faculty member in the University of Utah Graduate School of Social Work. Taught crisis theory and intervention to medical students. Provided supervision to psychiatric residents in individual psychotherapy, group therapy and dream work. Evaluated psychiatry residents, social work students, and medical students. Provided mental health related presentations to community agencies.

Administrative and Supervisory Duties: Served on policy making committee with hospital and community mental health administrative personnel. Coordinated weekly Psychiatric Commitment Hearings. Provided assessment and referral services through UUMC Employee Assistance Program.

Clinical Duties: Served as inter-disciplinary team member on acute care psychiatric inpatient units. Provided individual, marriage, group and family therapy. Served as liaison to community agencies.

University of Utah

Medical Center

*SOCIAL WORKER*

Salt Lake County Mental Health

Administrative and Supervisory Duties: Provided clinical supervision and training to lower grade level unit staff members. Provided administrative supervision of the Jail Project and all lower grade level staff during weekends.

Clinical Duties: Assessment and diagnosis of referred inmates for suicide prevention, psychiatric evaluation, program referral, and individual psychotherapy. Provided outpatient therapy to non-inmate clientele through community mental health.

Jail Mental Health Project

11/81 - 1/83

*SOCIAL WORK INTERN*  
A.P.A. Approved Training  
9/80 - 6/81

University Counseling Center  
University of Utah

Clinical Duties: Provided individual and group psychotherapy, marriage counseling, crisis intervention, conducted intake interviews and career counseling. Served as a consultant to campus-based HELPLINE. Conducted a single-parent group through the Women's Resource Center. Supervised Educational Psychology graduate students in individual psychotherapy training.

*SOCIAL WORK INTERN*  
Department of Psychiatry  
6/80 - 9/80

Social Work Training  
University of Utah  
Medical Center

Clinical Duties: Conducted group psychotherapy three times weekly with patients on the Psychiatric Inpatient Unit. Provided individual and marriage counseling, family consultation, patient disposition coordination, community resource referral and back-up crisis coverage. Served as an inter-disciplinary team member and liaison to community agencies.

*SOCIAL WORK INTERN*  
First Year Field Placement  
9/79 - 6/80

V.A. Day Hospital  
V.A. Medical Center

Clinical Duties: Provided individual and group psychotherapy, marriage counseling, vocational counseling, intake interviews, and crisis intervention. Taught yoga, relaxation techniques, movement therapy, and patient orientation.

*CLINICAL COUNSELOR*  
Partial HospitalizationMental Health Center  
7/77 - 8/79

Anderson-Oconee-Pickens

Anderson, South Carolina

Clinical Duties: Served as a partial hospitalization team member, co-therapist in a twice weekly Gestalt/Psychodrama group, and crisis service worker. Provided marriage and family counseling. Taught yoga, relaxation techniques, movement therapy, and patient education programs. Organized and directed a therapeutically oriented organic gardening project, field trips, and recreation programs.

*RECREATION COORDINATOR*  
Anderson, South Carolina  
7/76 - 7/77

Anderson Youth  
Treatment Center/  
Group Home

Clinical Duties: Planned, coordinated, and directed the recreation program for this adolescent group home. Supervised the male residential unit. Served as co-therapist in a twice weekly group. Facilitated nightly male unit meetings. Supervised the recreation staff and part-time house parents. Met weekly with parents of the male residents.

*THERAPEUTIC RECREATION INTERN*  
Groveton, Texas  
6/75 - 8/75

Hope Center for Youth  
Wilderness Camp

Educational Experience: Worked with severely emotionally disturbed adolescent males through group process to effect positive behavior change. Served as a residential counselor, living full-time with several of the camp's treatment groups.

### **ADVANCED CLINICAL TRAINING**

Intensive training in Self-Acceptance Training with Richard Olney. Nine day workshop in Akumal, Mexico, December, 1989.

Monthly Redecision Therapy Supervision Group with John McNeal, Ph.D., of the Western States Group and Family Institute 3/87-3/88.

Intensive workshop in Redecision Therapy with Robert Goulding, M.D. and Mary Goulding, M.S.W., co-founders of the Western States Group and Family Institute. 4/6/86-4/12/86.

Dream Analysis Seminar conducted by Kenneth Wallis, M.D, Dept. of Psychiatry, University of Utah. 9/84-9/85.

Advanced Clinical Hypnosis- two quarters of training with D. Corydon Hammond, Ph.D. 1/84-6/84.

### **PROFESSIONAL INTERESTS**

Forensic Social Work – Defendant assessment and defense team consultation.

The development, evaluation, and application of information technology in social work education and practice.

The advancement of measurement of group work process and outcomes.

### **REFERENCES**

Available upon request