

**APPENDIX "A"**  
**REHABILITATION & LIFE CARE PLAN**

<b>I. MEDICAL CARE: Routine</b>		
<b>RECOMMENDATIONS</b>	<b>FREQUENCY/DURATION</b>	<b>COST ESTIMATE</b>
1. PM & R exam	2x/yr	626/yr
2. Urology exam	1x/yr	325 the 1 <sup>st</sup> yr; then 190/yr
3. Urodynamic studies:		
a. Renal/bladder ultrasound	1x/yr	317/yr
b. KUB x-ray	PRN	138
c. Cystometrogram	PRN	555
4. Primary medical care	4-6x/yr	488-732/yr
5. Psychiatric evaluation	1x; then based on evaluation	210/evaluation
6. PT/INR	1x/wk	2,444/yr
7. Labs:		
a. CBC/CMP	1x/yr	731/yr
b. LFT	1x/yr	Included in CMP
c. BUN	1x/yr	Included in CMP
d. Creatinine	1x/yr	Included in CMP
e. Calcium	1x/yr	Included in CMP
f. Vitamin D	2x/yr	414/yr
g. PTH	1x/yr	271/yr
h. Urinalysis	1x/yr & PRN	15/yr & PRN
i. Urine culture/ differential	1x/yr & PRN	45/yr & PRN
8. DEXA scan	1x/yr	246/yr

<b>II. MEDICAL CARE: Surgical/Aggressive</b>		
<b>RECOMMENDATIONS</b>	<b>FREQUENCY/DURATION</b>	<b>COST ESTIMATE</b>
1. Intrathecal baclofen: a. Pump implantation b. Pump refill and reprogram	1x/5 yrs beginning in 2019 1x/2-3 mths	60,000 9,320-13,980/yr

<b>III. MEDICATIONS/MEDICAL SUPPLIES</b>		
<b>RECOMMENDATIONS</b>	<b>FREQUENCY/DURATION</b>	<b>COST ESTIMATE</b>
1. Coumadin	5mg QD	48.67/yr
2. Cyclobenzaprine	10mg TID	121.67/yr
3. ASA	81mg QD	14.17/yr
4. Potassium Chloride	10mg TID	773.68/yr
5. Tizanidine	2mg TID	1,538.96/yr
6. Oxycodone	30mg; 8 tabs/day	11,110.48/yr
7. Oxycodone	80mg BID	13,397.81/yr
8. Bowel and bladder management supplies: a. Coloplast #16 FR catheter kit b. Urinal c. Dulcolax suppository d. Enemeez e. Depends f. Antibiotic medication	6-8/day 2/yr 3x/wk 3x/wk QD PRN	12,263.56-16,351.42/yr 29.90/yr 42.59/yr 381.06/yr 398.93/yr 13.49/PRN
9. Routine daily supplies (gloves, wipes, lotions, etc.)	QD	547.50/yr

<b>IV. THERAPEUTIC INTERVENTION</b>		
<b>RECOMMENDATIONS</b>	<b>FREQUENCY/DURATION</b>	<b>COST ESTIMATE</b>
1. Dodd Hall: Inpatient SCI Rehabilitation	1x	31,500-63,000
2. Physical therapy post Rehab	3x/wk for 8-12 wks; then prescriptive evaluations 2x/yr	9,000-13,500 the 1 <sup>st</sup> yr; then 608/yr
3. Psychotherapy	1x/wk for 6 mths; then 2x/mth for 6 mths; then 8-10 sessions/yr PRN	3,460 the 1 <sup>st</sup> yr; then 720-900/yr

<b>V. SUPPORT SERVICES</b>		
<b>RECOMMENDATIONS</b>	<b>FREQUENCY/DURATION</b>	<b>COST ESTIMATE</b>
1. PCA/homemaker	4 hrs/day to age 60; then 6 hrs/day	Private: 21,024/yr to age 60; then 31,536/yr Agency: 36,092/yr to age 60; then 54,137/yr
2. R.N.: INR draw	1x/wk	2,946/yr

<b>VI. MEDICAL EQUIPMENT</b>		
<b>RECOMMENDATIONS</b>	<b>FREQUENCY/DURATION</b>	<b>COST ESTIMATE</b>
1. Electric hospital bed	1x/10 yrs	950
2. Over-bed table	1x/10 yrs	155-170
3. Tub transfer bench	1x/5 yrs beginning in 2018	115
4. Raised toilet seat	1x/5 yrs beginning in 2018	80
5. Transfer board	1x/5 yrs beginning in 2018	50
6. Skin inspection mirror	1x/3 yrs	15-20

<b>VII. MOBILITY EQUIPMENT</b>		
<b>RECOMMENDATIONS</b>	<b>FREQUENCY/DURATION</b>	<b>COST ESTIMATE</b>
1. Power mobility:		
a. Jazzy 600	1x/5 yrs	3,529
b. Roho cushion	1x/2 yrs	319
c. Maintenance/repair	Annually	250-350/yr
d. Back pack	1x/yr	45-65/yr
2. Manual mobility:		
a. TiLite folding wheelchair	1x/7-10 yrs	2,095
b. Roho cushion	1x/4-6 yrs	319
c. Maintenance/repair	Annually	150-200/yr

<b>VIII. TRANSPORTATION</b>		
<b>RECOMMENDATIONS</b>	<b>FREQUENCY/DURATION</b>	<b>COST ESTIMATE</b>
1. Modifications to mini-van	1x/5 yrs	23,500-25,000
2. Maintenance of Modifications	Annually	200-250/yr
3. AAA membership	Annually	91/yr
4. Disabled parking permit	Annually	No fee

<b>IX. ARCHITECTURAL RENOVATIONS</b>		
<b>RECOMMENDATIONS</b>	<b>FREQUENCY/DURATION</b>	<b>COST ESTIMATE</b>
1. Wheelchair accessible apartment	Daily	No additional cost

**APPENDIX "B"**  
**CURRICULUM VITAE**  
**WILLIAM H. BURKE, Ph.D.**

## **CURRICULUM VITAE**

**WILLIAM H. BURKE, Ph.D.**

**Noble's Island No.7  
500 Market Street  
Portsmouth, NH 03801  
(603) 431-4762  
fax: (603) 431-5057**

**8876 Oldham Way  
West Palm Beach, FL 33401  
(800)896-5057**

### **EDUCATION:**

Ph.D., Rehabilitation Services, Department of Counseling Psychology, The Florida State University, Tallahassee. (June, 1985)

M.A., Rehabilitation Counseling, Department of Social and Behavioral Sciences, University of South Florida, Tampa. (June, 1973)

B.S., Psychology, cum laude, Northwest Missouri State University, Maryville. (June, 1971)

### **CERTIFICATION/LICENSURE:**

Certified Rehabilitation Counselor (CRC) #23138  
The Commission on Rehabilitation Counselor Certification.

Certified Case Manager (CCM) #M-00006590  
The Commission for Case Management Certification

Board Certified Rehabilitation Consultant; Diplomate #C4-544  
The American Board of Professional Disability Consultants

Board Certified Disability Analyst #2253;  
The American Board of Disability Analysts

Licensed Rehabilitation Counselor #91, Commonwealth of Massachusetts.

Licensed Rehabilitation Provider #WC 1001582  
State of Florida, Division of Vocational Rehabilitation

Certified Vocational Rehabilitation Provider #236  
State of New Hampshire, Department of Labor

**PRESENT POSITION:**

**President, *William H. Burke & Associates, Inc.*, Portsmouth, NH & West Palm Beach.**  
William H. Burke & Associates is an international rehabilitation and disability management practice that specializes in the analysis, treatment planning and case management of individuals with brain and spinal cord injury, amputations, burns, chronic pain, orthopedic injuries and other severe disabilities. Specialized rehabilitation services are provided to the medical, legal and insurance communities in five primary areas: Comprehensive case analysis, rehabilitation planning, life care planning, vocational evaluation and assessment of post injury employability, and case management and utilization review.

**AFFILIATED ACTIVITIES:**

**Editor, *Rehabilitation Resources Press*.** Portsmouth, NH

**Senior Editor, *Rehabilitation and Treatment of Traumatic Brain Injury*.** H.D.I. Publishing Company, Houston, TX.

**Ad Hoc Reviewer, *Journal of Rehabilitation*.**

**Editorial Review Board, *Journal of Applied Rehabilitation Counseling (1995-1999)*.**

**Editorial Advisory Board, *The Neurolaw Letter*.**

**Editorial Board, *The Disability Analyst*.**

**Member, Professional Advisory Council, The American Board of Disability Analysts.**

**Lecturer, National Directory of Lecturers, Rehabilitation Research and Training Center on Severe Traumatic Brain Injury.** Medical College of Virginia, Richmond, VA.

**Member, Governor's Committee to Study Head Injury in New Hampshire.** Appointed by Governor John H. Sununu, June, 1987.

**Member, Professional Advisory Committee, Vista Centre, a residence for the Traumatically Head Injured, Ontario, Canada.** Appointed January, 1987.

**Member, National Head Injury Foundation Standing Committee's** 1) Education and Training, 2) Membership, 3) Task Force on Life Long Care, 1985 - 1990.

**Member, New York State Head Injury Association Vocational Task Force.** Final report submitted to N.Y. Department of Education, November, 1986.

## **PAST PROFESSIONAL ACTIVITY:**

Optimal Environments, Inc., Tampa, FL Clinical Director (7/94 - 11/95)

Florida Institute for Neurologic Rehabilitation Director of Rehabilitation (7/92-7/94)

New Medico Head Injury Rehabilitation System

Executive Director, Highwatch Rehabilitation Center (8/86-7/92)

Director, New Medico Rehabilitation Center of Florida (1/86-9/86)

Director, Timber Ridge Ranch (1/85-1/86)

Father Flanagan's Boys' Home, Boys Town, Nebraska

Director, Father Flanagan's Boys Town of Florida (5/83-1/85)

Assistant Director, Group Home Development (5/81-5/83)

Certified Family Teacher (6/79-5/81)

New York State Division for Youth, Albany, New York

Director of Training & Organizational Development (1/76-6/79)

General Systems Associates, Ann Arbor, Michigan

Organization and Management Consultant (4/75-1/76)

State of Florida Division of Youth Services, Jacksonville, Florida

Halfway House Superintendent (1/74-4/75)

Pasco County Schools, Dade City, Florida

School Social Worker (6/72-1/74) Classroom Teacher, 6th grade (8/71-6/72)

## **PROFESSIONAL ACADEMIC EMPLOYMENT HISTORY**

**Assistant Professor and Director**, Human Services Program, School of Social and Behavioral Sciences, College of St. Mary, Omaha, Nebraska (1980-1981). Courses taught include: Introduction to Human Services, Behavior Therapy, Human Service Management, Assessment Techniques in Human Services, Value Clarification, Introduction to Research.

**Adjunct Assistant Professor/Instructor**, University of Nebraska, Lincoln; College of St. Mary, Omaha; Empire State College, New Paltz, New York, Marywood College, Scranton, Pennsylvania, Chicago State University, Chicago, Florida A & M University, Tallahassee. Courses taught included: Introduction to Human Services, Behavior Therapy, Behavior Analysis with Children and Adolescents, Management of Social Service Agencies, Developing Community Based Service Programs, Research Design and Methodology, Single Subject Research Design, Management of Organizational Behavior, Individual Counseling, Methods of Group Counseling, Counseling Minority and Disadvantaged Adolescents, Introduction to Public Administration, Systems Change.

## PUBLICATIONS:

Burke, W.H., Elliot, T. & McAllister, D. (2000) *Assistive Technology for Upper Extremity Disabilities*. Portsmouth, NH: Rehabilitation Resources Press.

Burke, W.H., Elliot, T. & McAllister, D. (1999) *Home Health Care in America: A State by State Guide to Nursing Board Regulations & Delegation of Responsibility*. Portsmouth, NH: Rehabilitation Resources Press.

Burke, W.H. (1996) Catastrophic Injury: A Model of Disability Analysis, Treatment Planning and Case Management. In Anchor, K. *Disability Analysis Handbook: Tools for Independent Practice*. Dubuque, Iowa: Kendall Hunt.

Burke, W.H. (1995) Defending Rehabilitation and Life Care Plans. In Price, D.R. & Lees-Haley, P. *The Insurers Handbook on Psychological Injury Claims*. Washington D.C.: IW Publications.

Burke, W.H. (Ed.) (1995). *The Handbook of Forensic Rehabilitation*. Houston: HDI Publishers.

Burke, W.H. (1995) The Rehabilitation Expert: Analysis and Management of Brain Injury and Other Neurologic Disorders. In Burke, W.H. (Ed.) *The Handbook of Forensic Rehabilitation*. Houston: HDI Publishers.

Sellars, C.W. & Burke, W.H. (1995) Pediatric Brain Injury: Analysis and Management. In Burke W.H., *The Handbook of Forensic Rehabilitation*. Houston: HDI Publishers.

Burke, W.H. & Patterson, A.S. (1994). *An Integrated Rehabilitation Assessment and Treatment Plan*. FINR: Wauchula, FL.

Burke, W.H. , Price, D.R. & Price D.C. (1993). Claims Analysis of Rehabilitation Plans in Mild Closed Head Injury Cases. *Claims*, June, 68-75.

Price, D.R., Burke, W.H. & Price D.C. (1993). Identification of fictitious closed head injury claims. *Claims*, May, 37-40.

Burke, W.H., Zencius, A., Wesolowski, M.D. & Doubleday, F. (1991). Improving executive function disorders in brain injured clients. *Brain Injury*, 5 (3), 241-252.

Zencius, A., Wesolowski, M.D., Burke, W.H. & McQuade, P. (1991) Memory checklists: A method of teaching functional skills to brain damaged adults. *Behavior Residential Treatment*, 6 (1), 1 - 10.

Zencius, A., Wesolowski, M.D., Krankowski, T., & Burke, W.H. (1991). Memory notebook training with traumatically brain injured clients. *Brain Injury*, 5 (3), 321-325.

Burke, W.H., Wesolowski, M.D., Buyer, D.M., & Zawlocki, R.J. (1990). The rehabilitation of adolescents with traumatic brain injury: Outcome and follow-up. *Brain Injury*, 4 (4), 371-378.

Burke, W.H. (1993). The Analysis of Pre-Existing Alcohol Abuse Following Traumatic Brain Injury. *Insurance/Defense Review*, Winter, 1-2.

Burke, W.H. & Bird, B (1992) Violence and the Brain-injured Patient. In Smoyak, S.A. and Blair, T.D. *Violence and Abuse: Implications for Psychiatric Treatment*. N.J.: Slack, Inc.

Burke, W.H., Blackerby, W.F. & Wesolowski, M.D. (Eds) (1988); 2<sup>nd</sup> Edition (1996) *Rehabilitation and Treatment of Traumatic Brain Injury*. A series of 20 books. Houston, TX: HDI Publishers.

Series titles include:

Burke, W.H., Guth, M., Guare, R., & Wesolowski, M.D. (1988). *Head Injury Rehabilitation: An Overview*.

Burke, W.H. & Wesolowski, M.D. (1988). *Applied Behavior Analysis in Brain Injury Rehabilitation*.

Wesolowski, M.D. & Burke, W.H. (1988). *Managing Anger and Aggression*.

Burke, W.H. & Wesolowski, M.D. (1988). *Developing Community Living Skills: Teaching Methods*.

Burke, W.H., Zawlocki, R.J., Wesolowski, M.D. & Guth, M.D. (1988). *Developing Social Skills: A Social Competence Approach*.

Wesolowski, M.D., Zencius, A., & Burke, W.H. (1988). *Developing Motivation in Head Injured Clients*.

Guare, R., Samson, M., Guth, M., Warren, S., & Burke, W.H. (1988). *Developing the Rehabilitation Plan after Traumatic Brain Injury*.

Guth, M., Garmen, C., Warren, S., Parent, N., & Burke, W.H. (1988). *Accessing Community Resources: Discharge Planning*.

Wesolowski, M.D., Zencius, A., & Burke, W.H. (1988). *Developing Self Control after TBI*.

Guth, M., Burke, W.H. & Wesolowski, M.D. (1988). *Increasing Self Awareness in TBI Rehabilitation*.

Burke, W.H., Molinaro, D., Krankowski, T., & Wesolowski, M.D. (1988). *Supported Employment and TBI*.

- Blackerby, W. (1988). *Sexuality after TBI*.
- Weinstien, A., Moos, E. & O'Connor, M. (1988). *Management of Memory Disorder*.
- Guare, R. & Sampson, M. (1988). *Management of Attention Deficits*.
- Wesolowski, M.D. & Zawlocki, R. (1988). *Teaching Job Seeking Skills*.
- Lewis, F. (1988). *Developing Adaptive Work Behaviors*.
- Guth, M. (1988). *The Role of the Family in TBI Rehabilitation*.
- Hopewell, C.A. (1988). *Adaptive Driving after TBI*.
- Ylvisaker, M. (1988). *Management of Communication and Language Deficits*.
- Ylvisaker, M. (1988). *Head Injury Rehabilitation with Children and Adolescents*.
- Burke, W.H. & Wesolowski, M.D. (1987) *Community Living Skill Development: A Guide for Head Injury Rehabilitation*. Center Ossipee, NH: Highwatch Rehabilitation Center.
- Burke, W.H., McGrath, N., Schmidt, N., Souza, J. (1990). *Understanding Brain Injury: A Guide for Families and Friends*. Lynn, MA: New Medico Head Injury System.
- Burke, M.D., Palma, L.J. & Burke, W.H. (1982). *Parents Teaching Children: A New Approach to an Old Tradition*. Boystown, Nebraska: Father Flanagan's Boys' Home.
- Burke, W.H., Burke, M.D., Baron, R.K., Cunningham, P.J., Palma, L.J. & Phillips, E.L. (1982). *Family and Community Living Skill Development*. Boystown, Nebraska: Father Flanagan's Boys' Home.
- Burke, W.H. & Wesolowski, M.D. (1988). Community re-entry outcomes in brain injured adults and adolescents. *Research Forum*, 3 (2), 1-3.
- Wesolowski, M.D. & Burke, W.H. (1988). Behavior management techniques. In P. Deutsch & K. Fralish (Eds.). *Innovations in Head Injury Rehabilitation*. New York: Mathew Bender.
- Hopewell, C.A., Burke, W.H., Wesolowski, M.D., & Guare, R. (1990). Behavioral learning therapies for the traumatically brain injured patient. In Wood, R.L. & Fussey, I. *Cognitive Rehabilitation in Perspective*. London: Taylor & Francis Ltd.
- Burke, W.H., Wesolowski, M.D. & Guth, M. (1988). Comprehensive head injury rehabilitation: An outcome evaluation. *Brain Injury*, 2, (4), 313-322.
- Burke, W.H., Wesolowski, M.D., & Zencius, A. (1988). Long term programs in head injury

rehabilitation. *Cognitive Rehabilitation*, 6, (1), 38-41.

Burke, W.H. & Wesolowski, M.D. (1987). Applied behavior analysis in head injury rehabilitation. *Headlines*, winter, 10-11.

Lane, I., Wesolowski, M.D., & Burke, W.H. (1987). Teaching socially appropriate behavior to eliminate hoarding in a brain injured adult. *Research Forum*, 2 (3), 3-5.

Burke, W.H., Wesolowski, M.D. & Lane, I. (1988). A positive approach to the treatment of aggressive brain injured clients. *International Journal of Rehabilitation Research*, 11 (3), 235-241.

Burke, W.H. & Wesolowski, M.D. (1988). Applied behavior analysis in the rehabilitation of brain injured clients. *Rehabilitation Nursing*, 13 (4), 186-188.

Lane, I., Wesolowski, M.D. & Burke, W.H. (1989). Teaching socially appropriate behavior to eliminate hoarding in a brain injured adult.. *Behavior Therapy and Experimental Psychiatry*, 20 (1), 79-82.

Zencius, A.H., McQuade, P., Wesolowski, M.D. & Burke, W.H. (1989). Antecedent control in the treatment of brain injured clients. *Brain Injury*, 3 (2), 199-205.

Zencius, A.H., Wesolowski, M.D. & Burke, W.H. (1989). Comparing motivational systems with two non-compliant head injured adolescents. *Brain Injury*, 3 (1), 67-71.

Burke, W.H. & Burkhead, E.J. (1989). Runaway children in America: A review of the literature. *Education and Treatment of Children*, 12 (1), 73-81.

Burke, W.H. & Lewis, F. (1986). Management of maladaptive social behavior of a brain injured adult.. *International Journal of Rehabilitation Research*, 9, (4), 335-342.

Lewis, F., Burke, W.H & Carrillo, R. (1987).

Lewis, F., Burke, W.H. & Carrillo, R. (1986). Model for rehabilitation of head injured adults in the post-acute setting. *Journal of Applied Rehabilitation Counseling*, 18 (2), 39-45.

Burke, W.H. & Joyce, D. (1985). The interdisciplinary approach works! A clinical commentary. *Headlines*, Fall, 6-7.

Weber, D.E. & Burke, W.H. (1985). An alternative approach to treating delinquent youth. *Residential Group Care and Treatment*, 3, (3), 65-85.

Zencius, A., Burke, W.H., Wesolowski, M.D. & Hough, S. (1990). Managing hypersexual disorders in brain injured clients. *Brain Injury*, 4, (2), 175-181.

Zencius, A., Wesolowski, M. & Burke, W.H. (1990). The use of a visual cue to reduce profanity in a brain injured adult.. *Behavioral Residential Treatment*, 5, (3), 143-147.

Zencius, A., Wesolowski, M.D. & Burke, W.H. (1990). Memory checklist: A method of teaching functional skills to brain damaged adults. *Behavioral Residential Treatment*, 5 (5),

247-257.

Zencius, A., Wesolowski, M.D., & Burke, W.H. (1990). A comparison of four strategies to improve memory after TBI. *Brain Injury*, 4, (1), 33-38.

Burke, W.H., Patrick, J. & Patrick, P.P. (1985). *Professional Parenting*. Boys Town, Nebraska: Father Flanagan's Boys' Home.

Weber, D.E., Burke, W.H., Thompson, L., Blase, K.A., O'Kane, S., & Luger, R. (1983). *Group Home Development*. A workshop manual (456 pp.). Boys Town, Nebraska: Father Flanagan's Boys' Home.

Burke, W.H. (1982). *Managing Performance Improvement: Behavior Analysis Techniques*. Boys Town, Nebraska: Father Flanagan's Boys' Home.

Burke, W.H., Bastien, J.S., Criste, A., & Freeman, E.J. (1981). *Management for the 80's: Maximizing Human Resources*. A workshop manual (289 pp.), Boys Town, Nebraska: Father Flanagan's Boys' Home.

Burke, W.H. (1981). *A Guide to Problem Solving in Human Services*. Boys Town, Nebraska: Father Flanagan's Boys' Home.

Burke, W.H. (1981). *Principles of Time Management*. Boys Town, Nebraska: Father Flanagan's Boys' Home.

Burke, W.H. (1978). *Responsibility Charting in Human Services*. Highland, New York: New York State Division for Youth.

#### **REFEREED PRESENTATIONS:**

**Neuroanatomical Correlates of Behavior in Brain Injury Survivors.** International Association for Behavior Analysis, 20th Annual Convention, Atlanta, GA, 1994.

**Social Networks and Social Competence.** International Association for Behavior Analysis, 20th Annual Convention, Atlanta, GA, 1994.

**Treating Non-compliance.** International Association for Behavior Analysis, 20th Annual Convention, Atlanta, GA 1994.

**Assessing and Facilitating Community Integration in Persons with Disabilities.** Florida Association for Behavior Analysis. Ft. Lauderdale, 1993.

**Integrating Individuals with Traumatic Brain Injury and Behavior Problems in the Community.** Florida Association for Behavior Analysis, Ft. Lauderdale, 1993.

**Managing Sexual Disorders in TBI Clients.** Head Injury Frontiers 1990. The National Head Injury Foundation, 9th Annual National Symposium, New Orleans, 1990.

**Improving Executive Function Disorders in Brain Injured Clients.** Head Injury Frontiers 1990. The National Head Injury Foundation, 9th Annual Symposium, New Orleans, 1990.

**Rehabilitation of Adolescents with TBI.** Head Injury Frontiers 1990. The National Head Injury Foundation, 9th Annual National Symposium, New Orleans, 1990.

**Managing Sexual Disorders in Clients with Head Injury.** National Head Injury Foundation, 8th Annual National Symposium, Chicago, 1989.

**Teaching Prosocial Behaviors to TBI Survivors.** National Head Injury Foundation, 8th Annual National Symposium, Chicago, 1989.

**Treatment of Physically Aggressive TBI Clients.** National Head Injury Foundation, 8th Annual National Symposium, Chicago, 1989.

**Treatment of Sexual Dysfunction Following Traumatic Brain Injury.** International Association for Behavior Analysis, 15th Annual Convention, Milwaukee, WI, 1989.

**Antecedent Control in the Treatment of Traumatic Brain Injury.** International Association for Behavior Analysis, 15th Annual Convention, Milwaukee, WI, 1989.

**Behavior Analysis Methods in Head Injury Rehabilitation.** Association for Behavior Analysis, 14th Annual Convention, Philadelphia, PA, 1988.

**Rehabilitation Methods to Improve Executive Functioning.** 3rd Annual Symposium on Advances in Head Injury Rehabilitation, Dallas, TX, 1988.

**Supported Employment with Head Injured Clients.** 3rd Annual Symposium on Advances in Head Injury Rehabilitation, Dallas, TX, 1988.

**A Positive Approach to the Treatment of Aggressive Brain Injured Clients.** 4th National Traumatic Brain Injury Symposium, Baltimore, MD, 1988; Association for Behavior Analysis, 14th Annual Convention, Philadelphia, PA, 1988.

**Differences in Sizes of Social Networks Among Disability Types and Ages.** National Head Injury Foundation 6th Annual Symposium, San Diego, CA, 1987.

**Teaching Socially Appropriate Behavior to Eliminate Hoarding in a Brain Injured Client.** Berkshire Conference on Behavior Analysis and Therapy, Amherst, MA, 1987.

**A Reinforcement Approach to the Treatment of Physically Aggressive Brain Injured Clients.** Berkshire Conference on Behavior Analysis and Therapy, Amherst, MA, 1987.

**Behavioral Treatment of Traumatic Brain Injury: A Symposium.** Association for Behavior Analysis, 13th Annual Convention, Nashville, TN, 1987.

**Management of Maladaptive Behavior in a Brain Injured Adult.** Association for Behavior

Analysis, 13th Annual Convention, Nashville, TN, 1987.

**Management of Maladaptive Behavior in a Brain Injured Adult.** Association for Behavior Analysis, 13th Annual Convention, Nashville, TN, 1987.

**Applied Behavior Analysis: Behavior Management in Residential Settings.** 2nd Annual Symposium on Advances in Head Injury Rehabilitation. Dallas, TX, 1987.

**Cognitive Rehabilitation: Issues and Answers.** 2nd Annual Symposium on Advances in Head Injury Rehabilitation. Dallas, TX, 1987.

**Behavior Management of Agitated and Aggressive Patients.** 2nd Annual Symposium on Advances in Head Injury Rehabilitation, Dallas, TX, 1987.

**Vocational Programs and Approaches in Head Injury Rehabilitation.** New York State Head Injury Association, 4th Annual Conference, Syracuse, NY, 1986.

**Drugs and Alcohol and the Head Injured Survivor.** New York State Head Injury Association, 4th Annual Conference, Syracuse, NY, 1986.

**Evaluating Client Progress and Outcome: Behavior Analysis Research Designs.** Head Trauma: From Injury to Independence Seminar, Kansas City Rehabilitation Institute, Kansas City, Missouri, 1985.

**Applied Behavior Analysis Techniques to Manage Agitated and Aggressive Behavior.** Head Trauma: From Injury to Independence Seminar, Kansas City Rehabilitation Institute, Kansas City, Missouri, 1985.

**The Role of Evaluation in the Refinement and Dissemination of a Model Treatment Program.** Florida Association for Behavior Analysis 4th Annual Meeting, Orlando, Florida, 1984.

**Teaching Parents to Teach Children.** National Teaching Family Association 5th Annual Conference, Omaha, Nebraska, 1982.

**Managing Performance Improvement: Applied Behavior Analysis Strategies.** National Teaching Family Association 5th Annual Conference, Omaha, Nebraska, 1982.

**Time Management.** National Teaching Family Association 4th Annual Conference, Ashville, North Carolina, 1981

**Developing Community Based Group Homes: Variables Critical to Success.** National Teaching Family Association 4th Annual Conference, Ashville, North Carolina, 1981.

**Managing Your Assistant: A Leadership Strategy for Teaching Parents.** Teaching Family Association 3rd Annual Conference, Kansas City, Missouri, 1980.  
National

## **INVITED PRESENTATIONS:**

**The Life Care Plan: A Method of Estimating Damages.** New Hampshire Trial Lawyers Association, Manchester, NH 2002

**Evaluation and Defense of the Life Care Plan.** The Forensic Network, Key West, FL 1999; Las Vegas, NV 2000; Jackson Hole, WY 2001; New Orleans, LA 2002

**Handling Psychological and Neuropsychological Injury Claims.** Insurance/Defense Network, Atlanta, GA 1998.

**Managing the Neurologic Injury Claim.** Annual Conference on Emotional and Psychological Injury Claims. The Insurance/Defense Network, Lake Tahoe, NV 1998

**Achieving Rehabilitation Goals. Facing the Challenges of Traumatic Brain Injury.** Florida Brain Injury Association. Tallahassee, FL 1998.

**Back and Knee Injuries.** American Contractors Insurance Group Safety and Claims Management Workshop. New Orleans, LA 1997.

**Management of Complex Injury Claims.** 17<sup>th</sup> Annual National Workers Compensation and Occupational Medicine Seminar. Hyannis, MA, 1997.

**Evaluation of Pediatric Brain Injury and the Brain Damaged Baby.** Medical Malpractice and Catastrophic Damages Conference. Chicago, IL, San Diego, CA, 1996.

**Estimating Damages in Brain Injury Litigation. Traumatic Brain Injury: A Plaintiff and Defendant's Perspective.** Atlanta 1996.

**The Forensic Analysis of Costs in Head Injury Claims.** Insurance/Defense Network, Las Vegas, NV, 1995; Hilton Head, SC, 1996.

**Claims Analysis and Defense of Organic Brain Syndrome and the Brain Injury Claim.** Defense of Damages Conference & Seminar; Insurance/Defense Network, Atlanta, GA, Dallas, TX, 1995; Breckenridge, CO, 1996.

**Analysis and Defense of Pediatric Brain Injury and the Brain Damaged Baby.** Defense of Damages Conference & Seminar; Insurance/Defense Network, Atlanta, GA, Dallas, TX, 1995.

**Facing the Challenges of Traumatic Brain Injury.** Florida Head Injury Association, Panama City; Ft. Myers, 1995.

**Vocational Rehabilitation after Minor Brain Injury. Minor Head Trauma.** Annual West Virginia Head Injury Association Conference, Charleston, WV, 1993.

**Case Management and Cost Containment in Brain Injury.** Managing Traumatic Brain Injury. United Health Care Corp., Minneapolis, MN, 1993.

**Rehabilitation after Brain Injury.** Southeastern Neuroscience Nursing Symposium. Tampa,

1993

**Cost Containment and Brain Injury Rehabilitation.** Tampa, Miami, Jacksonville, Chicago, Minneapolis, 1993.

**Cost Containment and the Brain Injury Claim.** Florida Institute for Neurologic Rehabilitation Seminar. Orlando, FL, 1992.

**Cost Containment in Neurologic Rehabilitation: A Triage Approach.** Cost Analogies for Post Acute Care. New Orleans, LA, 1992.

**The Future of Neurologic Rehabilitation: Breaking Down the Barriers.** The 2nd Annual Neurobehavioral Management Seminar. Philadelphia, Seattle, Boston, 1992.

**Cost Containment in Brain Injury Rehabilitation.** The Travelers Companies, Hartford, CT, 1992.

**Analysis and Defense of Catastrophic Injury Claims in Head and Spinal Injury.** Defense of Damages Conference and Seminars. The Insurance/Defense Network. Hilton Head, SC, Las Vegas, NV, 1992.

**Analysis and Defense of Brain Injury Claims.** Defense of Damages Conference and Seminars. The Insurance/Defense Network. Hilton Head, SC, Las Vegas, NV, 1992.

**Treatment of the Cognitive and Behavioral Consequences of Traumatic Brain Injury Rehabilitation in Hawaii: Gaining Momentum.** Rehabilitation Association of Hawaii and Hawaii Rehab Counseling Association Annual Conference, 1991.

**Pediatric Brain Injury: Looking to the Future.** Taking Steps Toward Recovery: A Seminar on Neurologic Interventions for Children, Adolescents and Young Adults. Milwaukee; Memphis; Garden City, L.I.; Apple Valley, CA, 1991.

**Estimating Damages in Brain Injury Cases.** Litigating the Brain Injury Case. Los Angeles, CA, 1991.

**Head Injury Rehabilitation Today and Directions for the Future.** Keynote address. Arkansas Head Injury Conference, Little Rock, AR, 1991.

**A Theoretical Overview of Neurobehavioral Rehabilitation.** Examining Brain Injury, Sayre, PA, 1991.

**Treating the Aggressive Brain Injured Patient.** Examining Brain Injury, Sayre, PA, 1991.

**Outcomes of Head Injury Rehabilitation and Directions for the Future.** Keynote Address. Arkansas Head Injury Foundation 3rd Annual Conference. Little Rock, AR, 1991.

**Rehabilitation and Life Long Planning following Traumatic Brain Injury.** Psychology and the Law Conference. Corpus Christi, TX, 1991.

**Life Care Planning as a Method to Estimate Damages in Brain Injury Cases.** North Carolina Trial Lawyers Association Conference, Raleigh, 1990; Tennessee Trial Lawyers Association Conference, Nashville, TN, 1991.

**Neurobehavioral Rehabilitation in Moving Forward Through Change.** 6th National Traumatic Brain Injury Symposium: Decade of the Brain, Baltimore, Maryland, 1991.

**Long Term Outcome Following Pediatric Head Trauma.** The 2nd National Conference on Pediatric Neurotrauma, New York City, 1990.

**Beyond Acute Care: Applied Research and Outcomes.** Treatment Strategies in Head Injury Rehabilitation, Portland, Maine, 1990.

**Advances in Head Injury Treatment: Changing the Outcome.** Head Injury in the 1990's. The Insight Seminar, Toronto, 1990.

**The Efficacy of Neurobehavioral Rehabilitation.** 1989 Kentucky Head Injury Association Conference. Lexington, Kentucky, 1989.

**Outcome Research in Traumatic Brain Injury Rehabilitation.** The 4th Annual New Mexico Head Injury Foundation Conference. Albuquerque, NM, 1989.

**The Efficacy of Neurobehavioral Rehabilitation.** Traumatic Brain Injury: Trends in Rehabilitation. St. Mary's Regional Medical Center Neuro-Rehabilitation Symposium. Reno, Nevada, 1989.

**Behavior: Day to Day Management. Closed Head Injury.** A Continuum of Care Approach. Dartmouth College, Hanover, NH, 1989.

**Establishing Long Term Behavior Management Programs.** Closed Head Injury: A Continuum of Care Approach. Dartmouth College, Hanover, NH, 1989.

**A Model for Behavior Management.** Closed Head Injury: A Continuum of Care Approach. Dartmouth College, Hanover, NH, 1989.

**Rehabilitation Needs: Life Care Planning.** North Carolina Academy of Trial Lawyers. Head Injury Seminar, Raleigh, N.C., 1989.

**Neurorehabilitation.** The National Conference on Pediatric Neurotrauma, Chicago, Illinois, 1988.

**The Use of Antecedent Control to Improve Memory in Brain-Injured Clients.** 22nd Annual AABT Convention, New York, NY, 1988.

**Issues in Behavioral Rehabilitation.** Long Island Head Injury Awareness Day. Garden City, Long Island, 1988.

**Behavior Management Strategies for Teaching Motivation and Insight.** New Hampshire Head Injury Foundation, 2nd Annual Professional Conference, Durham, NH, 1987.

**Management Strategies for the Socially Inappropriate and Aggressive Patient.** New Hampshire Head Injury Foundation, 2nd Annual Professional Conference, Durham, NH, 1987.

**Residual Cognitive and Behavioral Deficits following Traumatic Brain Injury: Intervention Strategies for Professionals and Families.** Keynote Address, New Jersey Head Injury Association, 5th Annual Seminar, Metuchen, New Jersey, 1986.

**Traumatic Brain Injury: Residual Cognitive Deficits and Strategies for Rehabilitation.** Hot Springs Rehabilitation Center, Hot Springs, Arkansas, 1985.

**Community Re-Entry Training for the Head Injured: A Focus on Cognitive, Vocational and Psycho-social Needs.** The Counsel for Exceptional Children Annual Conference, Hot Springs, Arkansas, 1985.

**Rehabilitation of the Traumatically Brain Injured.** Crawford Rehabilitation Seminar, Mobile, Alabama, 1985.

**Cognitive and Behavioral Programming in Head Injury Rehabilitation.** North Texas Head Injury Foundation, Fort Worth, Texas, 1985.

**Traumatic Brain Injury: Roads to Recovery.** The New Medico Head Injury System Seminar, Cleveland, Columbus, Cincinnati, Philadelphia, 1985.

**Neurobehavioral Management of the Head Injured Individual.** Mid-South Head Injury Foundation, Memphis, Tennessee, 1985.

**Residential Post-Acute Rehabilitation of Closed Head Injury.** Kansas Head Injury Association, Kansas City, Missouri, 1985.

**Application of Behavior Analysis Procedures in the Rehabilitation of Traumatic Brain Injury.** International Rehabilitation Association, Little Rock, Arkansas, 1985.

**The Teaching Family Model: Applying Behavior Analysis to Residential Treatment.** Florida Mental Health Institute Conference on Residential Treatment, Tampa, Florida, 1984.

**A Practical Approach to Effective Management.** Southern Regional Training Conference, Child Welfare League of America, New Orleans, Louisiana, 1983.

**Management for the 80's: Maximizing Human Resources.** Workshop presented to Department of Youth Care, Boys Town, Nebraska (1981, 1982); State of New Jersey Division of Children and Family Services, Trenton, New Jersey (1981); Institute for Behavior Research, Washington, D.C. (1982).

**Human Service Management for the 80's.** College of St. Mary Spring Symposium, Omaha, Nebraska, 1981.

**Training Human Service Generalists.** Fordham University Social Work Symposium, New York, New York, 1978.

**Alternatives to Institutionalizing Delinquent Youth.** University of Michigan School of Social Work Summer Symposium, 1975.

**PROFESSIONAL AFFILIATIONS:**

American Psychological Association

International Association of Rehabilitation Professionals

International Academy of Life Care Planners

American Counseling Association

American Rehabilitation Counseling Association

American Chronic Pain Association

American Academy of Pain Management

Brain Injury Association

Brain Injury Association of Florida

Brain Injury Association of New Hampshire

National Rehabilitation Association

National Spinal Cord Injury Association

Case Management Society of America

Academy of Certified Case Managers

Amputee Coalition of America

REV: 5/1/14



WILLIAM H. BURKE  
& ASSOCIATES, INC.

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800 896-5057

September 23, 2014

Kenneth S. Blumenthal  
Rourke and Blumenthal  
495 S. High Street  
Suite 450  
Columbus, OH 43215

RE: Bryan Huff

Dear Mr. Blumenthal:

I had the opportunity to evaluate Bryan Huff in March of 2014. The purpose of this evaluation was to assess the extent to which Mr. Huff was disabled secondary to a spinal cord injury (SCI) that he suffered in February of 2013 secondary to an air embolism during a surgical procedure. Based upon this evaluation a Rehabilitation and Life Care Plan was presented in August of 2014. This plan presented an outline of Mr. Huff's needs for future care and treatment secondary to the SCI.

Mr. Huff was evaluated by Carole Miller, M.D., Neurosurgeon, in September of 2014. Following her examination she reviewed the Rehabilitation and Life Care Plan that was presented in August of 2014. Dr. Miller noted that she generally concurred with the conclusions and the medical necessity of the recommendations presented in the plan. In addition to the recommendations presented on the plan she recommended that a neuropsychological evaluation be added to the plan and that he undergo orthopedic consultation secondary to ongoing left hip issues. She noted that

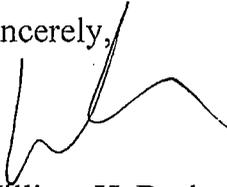
PLAINTIFF'S  
EXHIBIT  
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he did present with cognitive disabilities and she noted that at the time of the air embolus he suffered an embolic stroke.

Attached as Appendix "A" is a revised Rehabilitation and Life Care Plan that adds a neuropsychological evaluation that was recommended by Dr. Miller.

If I can be of further assistance please do not hesitate to contact me.

Sincerely,

A handwritten signature in black ink, appearing to read 'W. H. Burke', written over the word 'Sincerely,'.

William H. Burke, Ph.D.

WHB/lw

**APPENDIX "A"**  
**REHABILITATION & LIFE CARE PLAN**

<b>I. MEDICAL CARE: Routine</b>		
<b>RECOMMENDATIONS</b>	<b>FREQUENCY/DURATION</b>	<b>COST ESTIMATE</b>
1. PM & R exam	2x/yr	626/yr
2. Urology exam	1x/yr	325 the 1 <sup>st</sup> yr; then 190/yr
3. Urodynamic studies:		
a. Renal/bladder ultrasound	1x/yr	317/yr
b. KUB x-ray	PRN	138
c. Cystometrogram	PRN	555
4. Primary medical care	4-6x/yr	488-732/yr
5. Psychiatric evaluation	1x; then based on evaluation	210/evaluation
6. PT/INR	1x/wk	2,444/yr
7. Labs:		
a. CBC/CMP	1x/yr	731/yr
b. LFT	1x/yr	Included in CMP
c. BUN	1x/yr	Included in CMP
d. Creatinine	1x/yr	Included in CMP
e. Calcium	1x/yr	Included in CMP
f. Vitamin D	2x/yr	414/yr
g. PTH	1x/yr	271/yr
h. Urinalysis	1x/yr & PRN	15/yr & PRN
i. Urine culture/ differential	1x/yr & PRN	45/yr & PRN
8. DEXA scan	1x/yr	246/yr

<b>II. MEDICAL CARE: Surgical/Aggressive</b>		
<b>RECOMMENDATIONS</b>	<b>FREQUENCY/DURATION</b>	<b>COST ESTIMATE</b>
1. Intrathecal baclofen: a. Pump implantation b. Pump refill and reprogram	1x/5 yrs beginning in 2019 1x/2-3 mths	60,000 9,320-13,980/yr

<b>III. MEDICATIONS/MEDICAL SUPPLIES</b>		
<b>RECOMMENDATIONS</b>	<b>FREQUENCY/DURATION</b>	<b>COST ESTIMATE</b>
1. Coumadin	5mg QD	48.67/yr
2. Cyclobenzaprine	10mg TID	121.67/yr
3. ASA	81mg QD	14.17/yr
4. Potassium Chloride	10mg TID	773.68/yr
5. Tizanidine	2mg TID	1,538.96/yr
6. Oxycodone	30mg; 8 tabs/day	11,110.48/yr
7. Oxycodone	80mg BID	13,397.81/yr
8. Bowel and bladder management supplies: a. Coloplast #16 FR catheter kit b. Urinal c. Dulcolax suppository d. Enemeez e. Depends f. Antibiotic medication	6-8/day  2/yr 3x/wk 3x/wk QD PRN	12,263.56-16,351.42/yr  29.90/yr 42.59/yr 381.06/yr 398.93/yr 13.49/PRN
9. Routine daily supplies (gloves, wipes, lotions, etc.)	QD	547.50/yr

<b>IV. THERAPEUTIC INTERVENTION</b>		
<b>RECOMMENDATIONS</b>	<b>FREQUENCY/DURATION</b>	<b>COST ESTIMATE</b>
1. Dodd Hall: Inpatient SCI Rehabilitation	1x	31,500-63,000
2. Physical therapy post Rehab	3x/wk for 8-12 wks; then prescriptive evaluations 2x/yr	9,000-13,500 the 1 <sup>st</sup> yr; then 608/yr
3. Psychotherapy	1x/wk for 6 mths; then 2x/mth for 6 mths; then 8-10 sessions/yr PRN	3,460 the 1 <sup>st</sup> yr; then 720-900/yr
4. Neuropsychological evaluation	1x	2,350

<b>V. SUPPORT SERVICES</b>		
<b>RECOMMENDATIONS</b>	<b>FREQUENCY/DURATION</b>	<b>COST ESTIMATE</b>
1. PCA/homemaker	4 hrs/day to age 60; then 6 hrs/day	Private: 21,024/yr to age 60; then 31,536/yr Agency: 36,092/yr to age 60; then 54,137/yr
2. R.N.: INR draw	1x/wk	2,946/yr

<b>VI. MEDICAL EQUIPMENT</b>		
<b>RECOMMENDATIONS</b>	<b>FREQUENCY/DURATION</b>	<b>COST ESTIMATE</b>
1. Electric hospital bed	1x/10 yrs	950
2. Over-bed table	1x/10 yrs	155-170
3. Tub transfer bench	1x/5 yrs beginning in 2018	115
4. Raised toilet seat	1x/5 yrs beginning in 2018	80
5. Transfer board	1x/5 yrs beginning in 2018	50
6. Skin inspection mirror	1x/3 yrs	15-20

<b>VII. MOBILITY EQUIPMENT</b>		
<b>RECOMMENDATIONS</b>	<b>FREQUENCY/DURATION</b>	<b>COST ESTIMATE</b>
1. Power mobility:		
a. Jazzy 600	1x/5 yrs	3,529
b. Roho cushion	1x/2 yrs	319
c. Maintenance/repair	Annually	250-350/yr
d. Back pack	1x/yr	45-65/yr
2. Manual mobility:		
a. TiLite folding wheelchair	1x/7-10 yrs	2,095
b. Roho cushion	1x/4-6 yrs	319
c. Maintenance/repair	Annually	150-200/yr

<b>VIII. TRANSPORTATION</b>		
<b>RECOMMENDATIONS</b>	<b>FREQUENCY/DURATION</b>	<b>COST ESTIMATE</b>
1. Modifications to mini-van	1x/5 yrs	23,500-25,000
2. Maintenance of Modifications	Annually	200-250/yr
3. AAA membership	Annually	91/yr
4. Disabled parking permit	Annually	No fee

<b>IX. ARCHITECTURAL RENOVATIONS</b>		
<b>RECOMMENDATIONS</b>	<b>FREQUENCY/DURATION</b>	<b>COST ESTIMATE</b>
1. Wheelchair accessible apartment	Daily	No additional cost

Estimates of the Present Value of the  
Life Care Plan for **Mr. Bryan Huff**



DAVID W. BOYD, PH. D.  
FORENSIC ECONOMIC CONSULTANT

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MAY 16, 2014

## **I. Introduction**

This report estimates the present value of a Life Care Plan for Mr. Bryan Huff prepared by William H. Burke, Ph.D. The Life Care Plan is dated May 7, 2014.

## **II. Economic Analysis of Life Care Plan**

The Life Care Plan includes two options for the personal care aide/homemaker to assist Mr. Huff.<sup>1</sup> The economic analysis of the first option is contained in Table 1 at the end of this report. The economic analysis of the second option is contained in Table 2 at the end of this report. Both tables are based on the same economic assumptions and estimates, as described throughout the remainder of this report.

Whenever the expenditures in the Life Care Plan are to continue indefinitely into the future, they are estimated to run through Mr. Huff's statistical life expectancy. Mr. Huff's statistical life expectancy is to age 79.4, or through roughly December 12, 2048.<sup>2</sup>

The prices quoted in the Life Care Plan are assumed to be effective in 2014. It is estimated that, where appropriate and beginning in 2015, the annual expenditures in the Life Care Plan increase at an average annual rate of 3.82%, the average annual rate of increase in the medical care component of the consumer price index (CPI) over the past fifteen years.<sup>3</sup>

## **III. Present Value**

The present value of the Life Care Plan is estimated as of 2014. Thus, all future values should be discounted to that date. The discount rate utilized throughout this analysis to

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<sup>1</sup> See section V on page 16 of the Life Care Plan.

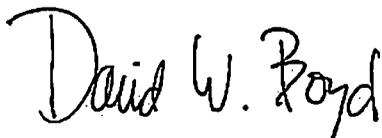
<sup>2</sup> National Vital Statistics Report, Vol. 62, No. 7, January 6, 2014. The life expectancy is for a 44-year old white male. Mr. Huff was born on July 19, 1969.

<sup>3</sup> The obviously non-medical components of the Life Care Plan are estimated to increase at an average annual rate of 2.41%, the average annual compounded rate of increase in the CPI-U over the past fifteen years. These items are indicated by an asterisk (\*) in Tables 1 and 2. CPI data are available at the web site maintained by the Bureau of Labor Statistics, [www.bls.gov](http://www.bls.gov).

reduce future dollars to their present value is 3.69%, the average annual yield on a mix of United States Treasury securities during the past fifteen years.<sup>4</sup>

#### **IV. Present Value Summary**

The estimated present value of the Life Care Plan prepared for Mr. Bryan Huff is \$4,003,085.01 under option 1 and \$4,688,320.24 under option 2.

A handwritten signature in black ink that reads "David W. Boyd". The signature is written in a cursive, slightly slanted style.

David W. Boyd, Ph.D.

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<sup>4</sup> The United States Treasury securities include those with durations of 1 year, 10 years, and 20 years. For the average yields on these securities, see [www.federalreserve.gov/releases/h15/data.htm](http://www.federalreserve.gov/releases/h15/data.htm).

Table 1

Year	PM&R exam	Urology exam	Renal/ bladder ultrasound	Primary medical care	Psychiatric evaluation	PT/INR	CBC/CMP labs	Vitamin D labs
2014	\$626.00	\$325.00	\$317.00	\$610.00	\$210.00	\$2,444.00	\$731.00	\$414.00
2015	\$626.78	\$190.24	\$317.40	\$610.76		\$2,447.06	\$731.92	\$414.52
2016	\$627.57	\$190.48	\$317.80	\$611.53		\$2,450.13	\$732.83	\$415.04
2017	\$628.36	\$190.72	\$318.19	\$612.30		\$2,453.20	\$733.75	\$415.56
2018	\$629.15	\$190.95	\$318.59	\$613.06		\$2,456.28	\$734.67	\$416.08
2019	\$629.93	\$191.19	\$318.99	\$613.83		\$2,459.36	\$735.59	\$416.60
2020	\$630.72	\$191.43	\$319.39	\$614.60		\$2,462.44	\$736.52	\$417.12
2021	\$631.51	\$191.67	\$319.79	\$615.37		\$2,465.53	\$737.44	\$417.65
2022	\$632.31	\$191.91	\$320.19	\$616.15		\$2,468.62	\$738.36	\$418.17
2023	\$633.10	\$192.15	\$320.59	\$616.92		\$2,471.72	\$739.29	\$418.69
2024	\$633.89	\$192.40	\$321.00	\$617.69		\$2,474.81	\$740.22	\$419.22
2025	\$634.69	\$192.64	\$321.40	\$618.47		\$2,477.92	\$741.14	\$419.75
2026	\$635.48	\$192.88	\$321.80	\$619.24		\$2,481.02	\$742.07	\$420.27
2027	\$636.28	\$193.12	\$322.21	\$620.02		\$2,484.13	\$743.00	\$420.80
2028	\$637.08	\$193.36	\$322.61	\$620.79		\$2,487.25	\$743.94	\$421.33
2029	\$637.88	\$193.60	\$323.01	\$621.57		\$2,490.37	\$744.87	\$421.85
2030	\$638.68	\$193.85	\$323.42	\$622.35		\$2,493.49	\$745.80	\$422.38
2031	\$639.48	\$194.09	\$323.82	\$623.13		\$2,496.62	\$746.74	\$422.91
2032	\$640.28	\$194.33	\$324.23	\$623.91		\$2,499.75	\$747.67	\$423.44
2033	\$641.08	\$194.58	\$324.64	\$624.70		\$2,502.88	\$748.61	\$423.97
2034	\$641.89	\$194.82	\$325.04	\$625.48		\$2,506.02	\$749.55	\$424.51
2035	\$642.69	\$195.07	\$325.45	\$626.26		\$2,509.16	\$750.49	\$425.04
2036	\$643.50	\$195.31	\$325.86	\$627.05		\$2,512.31	\$751.43	\$425.57
2037	\$644.30	\$195.56	\$326.27	\$627.83		\$2,515.46	\$752.37	\$426.10
2038	\$645.11	\$195.80	\$326.68	\$628.62		\$2,518.61	\$753.32	\$426.64
2039	\$645.92	\$196.05	\$327.09	\$629.41		\$2,521.77	\$754.26	\$427.17
2040	\$646.73	\$196.29	\$327.50	\$630.20		\$2,524.93	\$755.21	\$427.71
2041	\$647.54	\$196.54	\$327.91	\$630.99		\$2,528.09	\$756.15	\$428.25
2042	\$648.35	\$196.78	\$328.32	\$631.78		\$2,531.26	\$757.10	\$428.78
2043	\$649.16	\$197.03	\$328.73	\$632.57		\$2,534.44	\$758.05	\$429.32
2044	\$649.98	\$197.28	\$329.14	\$633.37		\$2,537.61	\$759.00	\$429.86
2045	\$650.79	\$197.53	\$329.56	\$634.16		\$2,540.80	\$759.95	\$430.40
2046	\$651.61	\$197.77	\$329.97	\$634.95		\$2,543.98	\$760.90	\$430.94
2047	\$652.43	\$198.02	\$330.38	\$635.75		\$2,547.17	\$761.86	\$431.48
2048	\$619.28	\$187.96	\$313.59	\$603.45		\$2,417.75	\$723.15	\$409.55
<b>TOTAL</b>	\$22,349.52	\$6,918.40	\$11,317.57	\$21,778.28	\$210.00	\$87,255.94	\$26,098.24	\$14,780.67

Table 1, continued

PTH labs	Urinalysis labs	Urine culture/ differential labs	DEXA scan	Pump implantation	Pump refill & reprogram	Coumadin	Cyclo- benzaprine	ASA
\$271.00	\$15.00	\$45.00	\$246.00	\$12,000.00	\$11,650.00	\$48.67	\$121.67	\$14.17
\$271.34	\$15.02	\$45.06	\$246.31	\$12,015.04	\$11,664.61	\$48.73	\$121.82	\$14.19
\$271.68	\$15.04	\$45.11	\$246.62	\$12,030.11	\$11,679.23	\$48.79	\$121.98	\$14.21
\$272.02	\$15.06	\$45.17	\$246.93	\$12,045.19	\$11,693.87	\$48.85	\$122.13	\$14.22
\$272.36	\$15.08	\$45.23	\$247.24	\$12,060.29	\$11,708.53	\$48.91	\$122.28	\$14.24
\$272.70	\$15.09	\$45.28	\$247.55	\$12,075.41	\$11,723.21	\$48.98	\$122.43	\$14.26
\$273.04	\$15.11	\$45.34	\$247.86	\$12,090.55	\$11,737.91	\$49.04	\$122.59	\$14.28
\$273.39	\$15.13	\$45.40	\$248.17	\$12,105.71	\$11,752.63	\$49.10	\$122.74	\$14.29
\$273.73	\$15.15	\$45.45	\$248.48	\$12,120.89	\$11,767.36	\$49.16	\$122.90	\$14.31
\$274.07	\$15.17	\$45.51	\$248.79	\$12,136.08	\$11,782.12	\$49.22	\$123.05	\$14.33
\$274.42	\$15.19	\$45.57	\$249.10	\$12,151.30	\$11,796.89	\$49.28	\$123.20	\$14.35
\$274.76	\$15.21	\$45.62	\$249.41	\$12,166.53	\$11,811.68	\$49.35	\$123.36	\$14.37
\$275.11	\$15.23	\$45.68	\$249.73	\$12,181.79	\$11,826.49	\$49.41	\$123.51	\$14.38
\$275.45	\$15.25	\$45.74	\$250.04	\$12,197.06	\$11,841.31	\$49.47	\$123.67	\$14.40
\$275.80	\$15.27	\$45.80	\$250.35	\$12,212.35	\$11,856.16	\$49.53	\$123.82	\$14.42
\$276.14	\$15.28	\$45.85	\$250.67	\$12,227.66	\$11,871.02	\$49.59	\$123.98	\$14.44
\$276.49	\$15.30	\$45.91	\$250.98	\$12,242.99	\$11,885.91	\$49.66	\$124.13	\$14.46
\$276.83	\$15.32	\$45.97	\$251.30	\$12,258.34	\$11,900.81	\$49.72	\$124.29	\$14.48
\$277.18	\$15.34	\$46.03	\$251.61	\$12,273.71	\$11,915.73	\$49.78	\$124.45	\$14.49
\$277.53	\$15.36	\$46.08	\$251.93	\$12,289.10	\$11,930.67	\$49.84	\$124.60	\$14.51
\$277.88	\$15.38	\$46.14	\$252.24	\$12,304.51	\$11,945.63	\$49.91	\$124.76	\$14.53
\$278.23	\$15.40	\$46.20	\$252.56	\$12,319.93	\$11,960.60	\$49.97	\$124.91	\$14.55
\$278.57	\$15.42	\$46.26	\$252.88	\$12,335.38	\$11,975.60	\$50.03	\$125.07	\$14.57
\$278.92	\$15.44	\$46.32	\$253.19	\$12,350.85	\$11,990.61	\$50.09	\$125.23	\$14.58
\$279.27	\$15.46	\$46.37	\$253.51	\$12,366.33	\$12,005.65	\$50.16	\$125.38	\$14.60
\$279.62	\$15.48	\$46.43	\$253.83	\$12,381.83	\$12,020.70	\$50.22	\$125.54	\$14.62
\$279.97	\$15.50	\$46.49	\$254.15	\$12,397.36	\$12,035.77	\$50.28	\$125.70	\$14.64
\$280.32	\$15.52	\$46.55	\$254.46	\$12,412.90	\$12,050.86	\$50.34	\$125.86	\$14.66
\$280.68	\$15.54	\$46.61	\$254.78	\$12,428.46	\$12,065.97	\$50.41	\$126.01	\$14.68
\$281.03	\$15.56	\$46.67	\$255.10	\$12,444.05	\$12,081.09	\$50.47	\$126.17	\$14.69
\$281.38	\$15.57	\$46.72	\$255.42	\$12,459.65	\$12,096.24	\$50.53	\$126.33	\$14.71
\$281.73	\$15.59	\$46.78	\$255.74	\$12,475.27	\$12,111.41	\$50.60	\$126.49	\$14.73
\$282.09	\$15.61	\$46.84	\$256.06	\$12,490.91	\$12,126.59	\$50.66	\$126.65	\$14.75
\$282.44	\$15.63	\$46.90	\$256.38	\$12,506.57	\$12,141.79	\$50.72	\$126.81	\$14.77
\$268.09	\$14.84	\$44.52	\$243.36	\$11,871.09	\$11,524.85	\$48.15	\$120.36	\$14.02
\$9,675.27	\$535.53	\$1,606.59	\$8,782.72	\$428,425.23	\$415,929.49	\$1,737.62	\$4,343.87	\$505.90

Table 1, continued

Potassium chloride	Tizanidine	Oxycodone 30 mg	Oxycodone 80 mg	Coloplast catheter kit	Urinal	Culcolax suppository	Enemeez	Depends
\$773.68	\$1,538.96	\$11,110.48	\$13,397.81	\$14,307.49	\$29.90	\$42.59	\$381.06	\$398.93
\$774.65	\$1,540.89	\$11,124.41	\$13,414.61	\$14,325.43	\$29.94	\$42.64	\$381.54	\$399.43
\$775.62	\$1,542.82	\$11,138.36	\$13,431.43	\$14,343.39	\$29.98	\$42.70	\$382.02	\$399.93
\$776.59	\$1,544.76	\$11,152.32	\$13,448.27	\$14,361.37	\$30.01	\$42.75	\$382.50	\$400.43
\$777.57	\$1,546.69	\$11,166.30	\$13,465.13	\$14,379.38	\$30.05	\$42.80	\$382.97	\$400.93
\$778.54	\$1,548.63	\$11,180.30	\$13,482.01	\$14,397.40	\$30.09	\$42.86	\$383.45	\$401.44
\$779.52	\$1,550.57	\$11,194.32	\$13,498.91	\$14,415.45	\$30.13	\$42.91	\$383.94	\$401.94
\$780.50	\$1,552.52	\$11,208.35	\$13,515.83	\$14,433.53	\$30.16	\$42.97	\$384.42	\$402.44
\$781.47	\$1,554.46	\$11,222.41	\$13,532.78	\$14,451.62	\$30.20	\$43.02	\$384.90	\$402.95
\$782.45	\$1,556.41	\$11,236.48	\$13,549.75	\$14,469.74	\$30.24	\$43.07	\$385.38	\$403.45
\$783.43	\$1,558.36	\$11,250.56	\$13,566.73	\$14,487.88	\$30.28	\$43.13	\$385.86	\$403.96
\$784.42	\$1,560.32	\$11,264.67	\$13,583.74	\$14,506.05	\$30.31	\$43.18	\$386.35	\$404.47
\$785.40	\$1,562.27	\$11,278.79	\$13,600.77	\$14,524.23	\$30.35	\$43.24	\$386.83	\$404.97
\$786.39	\$1,564.23	\$11,292.93	\$13,617.83	\$14,542.44	\$30.39	\$43.29	\$387.32	\$405.48
\$787.37	\$1,566.19	\$11,307.09	\$13,634.90	\$14,560.68	\$30.43	\$43.34	\$387.80	\$405.99
\$788.36	\$1,568.16	\$11,321.27	\$13,651.99	\$14,578.93	\$30.47	\$43.40	\$388.29	\$406.50
\$789.35	\$1,570.12	\$11,335.46	\$13,669.11	\$14,597.21	\$30.51	\$43.45	\$388.78	\$407.01
\$790.34	\$1,572.09	\$11,349.67	\$13,686.25	\$14,615.51	\$30.54	\$43.51	\$389.26	\$407.52
\$791.33	\$1,574.06	\$11,363.90	\$13,703.41	\$14,633.83	\$30.58	\$43.56	\$389.75	\$408.03
\$792.32	\$1,576.04	\$11,378.15	\$13,720.59	\$14,652.18	\$30.62	\$43.62	\$390.24	\$408.54
\$793.31	\$1,578.01	\$11,392.42	\$13,737.79	\$14,670.55	\$30.66	\$43.67	\$390.73	\$409.05
\$794.31	\$1,579.99	\$11,406.70	\$13,755.01	\$14,688.94	\$30.70	\$43.73	\$391.22	\$409.57
\$795.30	\$1,581.97	\$11,421.00	\$13,772.26	\$14,707.36	\$30.74	\$43.78	\$391.71	\$410.08
\$796.30	\$1,583.95	\$11,435.32	\$13,789.52	\$14,725.80	\$30.77	\$43.84	\$392.20	\$410.59
\$797.30	\$1,585.94	\$11,449.66	\$13,806.81	\$14,744.26	\$30.81	\$43.89	\$392.69	\$411.11
\$798.30	\$1,587.93	\$11,464.01	\$13,824.12	\$14,762.75	\$30.85	\$43.95	\$393.19	\$411.62
\$799.30	\$1,589.92	\$11,478.38	\$13,841.45	\$14,781.26	\$30.89	\$44.00	\$393.68	\$412.14
\$800.30	\$1,591.91	\$11,492.77	\$13,858.81	\$14,799.79	\$30.93	\$44.06	\$394.17	\$412.66
\$801.30	\$1,593.91	\$11,507.18	\$13,876.18	\$14,818.34	\$30.97	\$44.11	\$394.67	\$413.17
\$802.31	\$1,595.91	\$11,521.61	\$13,893.58	\$14,836.92	\$31.01	\$44.17	\$395.16	\$413.69
\$803.31	\$1,597.91	\$11,536.06	\$13,911.00	\$14,855.52	\$31.05	\$44.22	\$395.66	\$414.21
\$804.32	\$1,599.91	\$11,550.52	\$13,928.44	\$14,874.15	\$31.08	\$44.28	\$396.15	\$414.73
\$805.33	\$1,601.92	\$11,565.00	\$13,945.90	\$14,892.80	\$31.12	\$44.33	\$396.65	\$415.25
\$806.34	\$1,603.93	\$11,579.50	\$13,963.39	\$14,911.47	\$31.16	\$44.39	\$397.15	\$415.77
\$765.37	\$1,522.43	\$10,991.13	\$13,253.89	\$14,153.79	\$29.58	\$42.13	\$376.97	\$394.64
\$27,622.00	\$54,944.11	\$396,667.49	\$478,329.98	\$510,807.47	\$1,067.49	\$1,520.55	\$13,604.64	\$14,242.64

Table 1, continued

Routine daily supplies	Inpatient SCI rehabilitation	Physical therapy post rehab	Psychotherapy	PCA/homemaker	RN	Electric Hospital Bed	Over-bed table	Tub transfer bench
\$547.50	\$47,250.00	\$11,250.00	\$3,460.00	\$21,024.00	\$2,946.00	\$95.00	\$16.25	
\$548.19		\$608.76	\$811.02	\$21,050.36	\$2,949.69	\$95.12	\$16.27	
\$548.87		\$609.53	\$812.03	\$21,076.75	\$2,953.39	\$95.24	\$16.29	
\$549.56		\$610.29	\$813.05	\$21,103.17	\$2,957.09	\$95.36	\$16.31	
\$550.25		\$611.05	\$814.07	\$21,129.63	\$2,960.80	\$95.48	\$16.33	\$23.12
\$550.94		\$611.82	\$815.09	\$21,156.12	\$2,964.51	\$95.60	\$16.35	\$23.14
\$551.63		\$612.59	\$816.11	\$21,182.65	\$2,968.23	\$95.72	\$16.37	\$23.17
\$552.32		\$613.36	\$817.14	\$21,209.21	\$2,971.95	\$95.84	\$16.39	\$23.20
\$553.02		\$614.13	\$818.16	\$21,235.80	\$2,975.68	\$95.96	\$16.41	\$23.23
\$553.71		\$614.89	\$819.19	\$21,262.42	\$2,979.41	\$96.08	\$16.43	\$23.26
\$554.40		\$615.67	\$820.21	\$21,289.08	\$2,983.14	\$96.20	\$16.45	\$23.29
\$555.10		\$616.44	\$821.24	\$21,315.77	\$2,986.88	\$96.32	\$16.48	\$23.32
\$555.79		\$617.21	\$822.27	\$21,342.49	\$2,990.63	\$96.44	\$16.50	\$23.35
\$556.49		\$617.98	\$823.30	\$21,369.25	\$2,994.38	\$96.56	\$16.52	\$23.38
\$557.19		\$618.76	\$824.33	\$21,396.04	\$2,998.13	\$96.68	\$16.54	\$23.41
\$557.89		\$619.53	\$825.37	\$21,422.87	\$3,001.89	\$96.80	\$16.56	\$23.44
\$558.59		\$620.31	\$826.40	\$32,174.59	\$3,005.66	\$96.92	\$16.58	\$23.47
\$559.29		\$621.09	\$827.44	\$32,214.93	\$3,009.42	\$97.05	\$16.60	\$23.50
\$559.99		\$621.87	\$828.48	\$32,255.32	\$3,013.20	\$97.17	\$16.62	\$23.52
\$560.69		\$622.65	\$829.51	\$32,295.76	\$3,016.97	\$97.29	\$16.64	\$23.55
\$561.39		\$623.43	\$830.55	\$32,336.25	\$3,020.76	\$97.41	\$16.66	\$23.58
\$562.10		\$624.21	\$831.60	\$32,376.79	\$3,024.54	\$97.53	\$16.68	\$23.61
\$562.80		\$624.99	\$832.64	\$32,417.38	\$3,028.34	\$97.66	\$16.70	\$23.64
\$563.51		\$625.78	\$833.68	\$32,458.02	\$3,032.13	\$97.78	\$16.73	\$23.67
\$564.21		\$626.56	\$834.73	\$32,498.72	\$3,035.93	\$97.90	\$16.75	\$23.70
\$564.92		\$627.35	\$835.77	\$32,539.46	\$3,039.74	\$98.02	\$16.77	\$23.73
\$565.63		\$628.13	\$836.82	\$32,580.26	\$3,043.55	\$98.15	\$16.79	\$23.76
\$566.34		\$628.92	\$837.87	\$32,621.10	\$3,047.37	\$98.27	\$16.81	\$23.79
\$567.05		\$629.71	\$838.92	\$32,662.00	\$3,051.19	\$98.39	\$16.83	\$23.82
\$567.76		\$630.50	\$839.97	\$32,702.95	\$3,055.01	\$98.52	\$16.85	\$23.85
\$568.47		\$631.29	\$841.03	\$32,743.95	\$3,058.84	\$98.64	\$16.87	\$23.88
\$569.18		\$632.08	\$842.08	\$32,785.01	\$3,062.68	\$98.76	\$16.89	\$23.91
\$569.90		\$632.87	\$843.14	\$32,826.11	\$3,066.52	\$98.89	\$16.91	\$23.94
\$570.61		\$633.67	\$844.19	\$32,867.26	\$3,070.36	\$99.01	\$16.94	\$23.97
\$541.62		\$601.47	\$801.30	\$31,197.23	\$2,914.35	\$93.98	\$16.08	\$22.75
\$19,546.90	\$47,250.00	\$32,348.88	\$31,568.70	\$956,118.69	\$105,178.39	\$3,391.70	\$580.16	\$728.98

Table 1, continued

Raised toilet seat	Transfer board	Skin inspection mirror	Jazzy 600	Roho cushion	Maintenance/ repair	Back pack*	TiLite folding wheelchair	Roho cushion
		\$5.83	\$705.80	\$159.50	\$300.00	\$55.00	\$246.47	\$63.80
		\$5.84	\$706.68	\$159.70	\$300.38	\$54.32	\$246.78	\$63.88
		\$5.84	\$707.57	\$159.90	\$300.75	\$53.65	\$247.09	\$63.96
		\$5.85	\$708.46	\$160.10	\$301.13	\$52.99	\$247.40	\$64.04
\$16.08	\$10.05	\$5.86	\$709.35	\$160.30	\$301.51	\$52.33	\$247.71	\$64.12
\$16.10	\$10.06	\$5.87	\$710.24	\$160.50	\$301.89	\$51.69	\$248.02	\$64.20
\$16.12	\$10.08	\$5.87	\$711.13	\$160.70	\$302.26	\$51.05	\$248.33	\$64.28
\$16.14	\$10.09	\$5.88	\$712.02	\$160.91	\$302.64	\$50.42	\$248.64	\$64.36
\$16.16	\$10.10	\$5.89	\$712.91	\$161.11	\$303.02	\$49.80	\$248.95	\$64.44
\$16.18	\$10.11	\$5.90	\$713.80	\$161.31	\$303.40	\$49.18	\$249.27	\$64.52
\$16.20	\$10.13	\$5.90	\$714.70	\$161.51	\$303.78	\$48.58	\$249.58	\$64.60
\$16.22	\$10.14	\$5.91	\$715.60	\$161.71	\$304.16	\$47.98	\$249.89	\$64.69
\$16.24	\$10.15	\$5.92	\$716.49	\$161.92	\$304.54	\$47.38	\$250.20	\$64.77
\$16.26	\$10.16	\$5.93	\$717.39	\$162.12	\$304.93	\$46.80	\$250.52	\$64.85
\$16.28	\$10.18	\$5.93	\$718.29	\$162.32	\$305.31	\$46.22	\$250.83	\$64.93
\$16.30	\$10.19	\$5.94	\$719.19	\$162.53	\$305.69	\$45.65	\$251.15	\$65.01
\$16.32	\$10.20	\$5.95	\$720.09	\$162.73	\$306.07	\$45.09	\$251.46	\$65.09
\$16.34	\$10.22	\$5.96	\$720.99	\$162.93	\$306.46	\$44.53	\$251.78	\$65.17
\$16.36	\$10.23	\$5.96	\$721.90	\$163.14	\$306.84	\$43.98	\$252.09	\$65.26
\$16.39	\$10.24	\$5.97	\$722.80	\$163.34	\$307.23	\$43.44	\$252.41	\$65.34
\$16.41	\$10.25	\$5.98	\$723.71	\$163.55	\$307.61	\$42.90	\$252.72	\$65.42
\$16.43	\$10.27	\$5.99	\$724.62	\$163.75	\$308.00	\$42.37	\$253.04	\$65.50
\$16.45	\$10.28	\$5.99	\$725.53	\$163.96	\$308.38	\$41.85	\$253.36	\$65.58
\$16.47	\$10.29	\$6.00	\$726.44	\$164.16	\$308.77	\$41.33	\$253.68	\$65.67
\$16.49	\$10.31	\$6.01	\$727.35	\$164.37	\$309.16	\$40.82	\$253.99	\$65.75
\$16.51	\$10.32	\$6.02	\$728.26	\$164.58	\$309.55	\$40.32	\$254.31	\$65.83
\$16.53	\$10.33	\$6.02	\$729.17	\$164.78	\$309.93	\$39.82	\$254.63	\$65.91
\$16.55	\$10.34	\$6.03	\$730.09	\$164.99	\$310.32	\$39.33	\$254.95	\$66.00
\$16.57	\$10.36	\$6.04	\$731.00	\$165.19	\$310.71	\$38.84	\$255.27	\$66.08
\$16.59	\$10.37	\$6.05	\$731.92	\$165.40	\$311.10	\$38.36	\$255.59	\$66.16
\$16.61	\$10.38	\$6.05	\$732.83	\$165.61	\$311.49	\$37.89	\$255.91	\$66.24
\$16.63	\$10.40	\$6.06	\$733.75	\$165.82	\$311.88	\$37.42	\$256.23	\$66.33
\$16.65	\$10.41	\$6.07	\$734.67	\$166.03	\$312.27	\$36.96	\$256.55	\$66.41
\$16.68	\$10.42	\$6.08	\$735.59	\$166.23	\$312.66	\$36.50	\$256.88	\$66.49
\$15.83	\$9.89	\$5.77	\$698.22	\$157.79	\$296.78	\$34.65	\$243.82	\$63.11
\$507.11	\$316.95	\$208.14	\$25,198.54	\$5,694.49	\$10,710.63	\$1,569.45	\$8,799.52	\$2,277.79

**Table 1, continued**

Maintenance/ repair	Mini-van modifications	Modification maintenance	AAA membership*	TOTAL	CUMULATIVE TOTAL	Year
\$175.00	\$4,850.00	\$225.00	\$91.00	\$165,535.56	\$165,535.56	2014
\$175.22	\$4,856.08	\$225.28	\$89.88	\$104,777.78	\$270,313.34	2015
\$175.44	\$4,862.17	\$225.56	\$88.77	\$104,907.18	\$375,220.52	2016
\$175.66	\$4,868.26	\$225.85	\$87.67	\$105,036.77	\$480,257.29	2017
\$175.88	\$4,874.37	\$226.13	\$86.59	\$105,215.79	\$585,473.08	2018
\$176.10	\$4,880.48	\$226.41	\$85.52	\$105,345.82	\$690,818.89	2019
\$176.32	\$4,886.60	\$226.70	\$84.46	\$105,476.03	\$796,294.92	2020
\$176.54	\$4,892.72	\$226.98	\$83.42	\$105,606.42	\$901,901.34	2021
\$176.76	\$4,898.86	\$227.27	\$82.39	\$105,737.00	\$1,007,638.35	2022
\$176.98	\$4,905.00	\$227.55	\$81.37	\$105,867.77	\$1,113,506.12	2023
\$177.21	\$4,911.15	\$227.84	\$80.37	\$105,998.73	\$1,219,504.85	2024
\$177.43	\$4,917.31	\$228.12	\$79.38	\$106,129.87	\$1,325,634.72	2025
\$177.65	\$4,923.47	\$228.41	\$78.40	\$106,261.20	\$1,431,895.91	2026
\$177.87	\$4,929.65	\$228.69	\$77.43	\$106,392.71	\$1,538,288.62	2027
\$178.10	\$4,935.83	\$228.98	\$76.47	\$106,524.41	\$1,644,813.03	2028
\$178.32	\$4,942.01	\$229.27	\$75.53	\$106,656.29	\$1,751,469.33	2029
\$178.54	\$4,948.21	\$229.56	\$74.60	\$117,513.23	\$1,868,982.55	2030
\$178.77	\$4,954.41	\$229.84	\$73.68	\$117,658.93	\$1,986,641.49	2031
\$178.99	\$4,960.63	\$230.13	\$72.77	\$117,804.84	\$2,104,446.32	2032
\$179.22	\$4,966.84	\$230.42	\$71.87	\$117,950.95	\$2,222,397.27	2033
\$179.44	\$4,973.07	\$230.71	\$70.98	\$118,097.26	\$2,340,494.53	2034
\$179.67	\$4,979.31	\$231.00	\$70.11	\$118,243.77	\$2,458,738.30	2035
\$179.89	\$4,985.55	\$231.29	\$69.24	\$118,390.49	\$2,577,128.79	2036
\$180.12	\$4,991.80	\$231.58	\$68.39	\$118,537.41	\$2,695,666.20	2037
\$180.34	\$4,998.06	\$231.87	\$67.54	\$118,684.53	\$2,814,350.73	2038
\$180.57	\$5,004.32	\$232.16	\$66.71	\$118,831.86	\$2,933,182.59	2039
\$180.79	\$5,010.60	\$232.45	\$65.88	\$118,979.39	\$3,052,161.97	2040
\$181.02	\$5,016.88	\$232.74	\$65.07	\$119,127.12	\$3,171,289.09	2041
\$181.25	\$5,023.17	\$233.03	\$64.27	\$119,275.05	\$3,290,564.14	2042
\$181.48	\$5,029.47	\$233.33	\$63.47	\$119,423.19	\$3,409,987.33	2043
\$181.70	\$5,035.77	\$233.62	\$62.69	\$119,571.53	\$3,529,558.86	2044
\$181.93	\$5,042.09	\$233.91	\$61.92	\$119,720.07	\$3,649,278.93	2045
\$182.16	\$5,048.41	\$234.20	\$61.15	\$119,868.82	\$3,769,147.75	2046
\$182.39	\$5,054.74	\$234.50	\$60.40	\$120,017.77	\$3,889,165.52	2047
\$173.12	\$4,797.90	\$222.58	\$57.33	\$113,919.49	<b>\$4,003,085.01</b>	2048
<b>\$6,247.87</b>	<b>\$173,155.20</b>	<b>\$8,032.97</b>	<b>\$2,596.73</b>	<b>\$4,003,085.01</b>		

Table 2

Year	PM&R exam	Urology exam	Renal/ bladder ultrasound	Primary medical care	Psychiatric evaluation	PT/INR	CBC/CMP labs	Vitamin D labs
2014	\$626.00	\$325.00	\$317.00	\$610.00	\$210.00	\$2,444.00	\$731.00	\$414.00
2015	\$626.78	\$190.24	\$317.40	\$610.76		\$2,447.06	\$731.92	\$414.52
2016	\$627.57	\$190.48	\$317.80	\$611.53		\$2,450.13	\$732.83	\$415.04
2017	\$628.36	\$190.72	\$318.19	\$612.30		\$2,453.20	\$733.75	\$415.56
2018	\$629.15	\$190.95	\$318.59	\$613.06		\$2,456.28	\$734.67	\$416.08
2019	\$629.93	\$191.19	\$318.99	\$613.83		\$2,459.36	\$735.59	\$416.60
2020	\$630.72	\$191.43	\$319.39	\$614.60		\$2,462.44	\$736.52	\$417.12
2021	\$631.51	\$191.67	\$319.79	\$615.37		\$2,465.53	\$737.44	\$417.65
2022	\$632.31	\$191.91	\$320.19	\$616.15		\$2,468.62	\$738.36	\$418.17
2023	\$633.10	\$192.15	\$320.59	\$616.92		\$2,471.72	\$739.29	\$418.69
2024	\$633.89	\$192.40	\$321.00	\$617.69		\$2,474.81	\$740.22	\$419.22
2025	\$634.69	\$192.64	\$321.40	\$618.47		\$2,477.92	\$741.14	\$419.75
2026	\$635.48	\$192.88	\$321.80	\$619.24		\$2,481.02	\$742.07	\$420.27
2027	\$636.28	\$193.12	\$322.21	\$620.02		\$2,484.13	\$743.00	\$420.80
2028	\$637.08	\$193.36	\$322.61	\$620.79		\$2,487.25	\$743.94	\$421.33
2029	\$637.88	\$193.60	\$323.01	\$621.57		\$2,490.37	\$744.87	\$421.85
2030	\$638.68	\$193.85	\$323.42	\$622.35		\$2,493.49	\$745.80	\$422.38
2031	\$639.48	\$194.09	\$323.82	\$623.13		\$2,496.62	\$746.74	\$422.91
2032	\$640.28	\$194.33	\$324.23	\$623.91		\$2,499.75	\$747.67	\$423.44
2033	\$641.08	\$194.58	\$324.64	\$624.70		\$2,502.88	\$748.61	\$423.97
2034	\$641.89	\$194.82	\$325.04	\$625.48		\$2,506.02	\$749.55	\$424.51
2035	\$642.69	\$195.07	\$325.45	\$626.26		\$2,509.16	\$750.49	\$425.04
2036	\$643.50	\$195.31	\$325.86	\$627.05		\$2,512.31	\$751.43	\$425.57
2037	\$644.30	\$195.56	\$326.27	\$627.83		\$2,515.46	\$752.37	\$426.10
2038	\$645.11	\$195.80	\$326.68	\$628.62		\$2,518.61	\$753.32	\$426.64
2039	\$645.92	\$196.05	\$327.09	\$629.41		\$2,521.77	\$754.26	\$427.17
2040	\$646.73	\$196.29	\$327.50	\$630.20		\$2,524.93	\$755.21	\$427.71
2041	\$647.54	\$196.54	\$327.91	\$630.99		\$2,528.09	\$756.15	\$428.25
2042	\$648.35	\$196.78	\$328.32	\$631.78		\$2,531.26	\$757.10	\$428.78
2043	\$649.16	\$197.03	\$328.73	\$632.57		\$2,534.44	\$758.05	\$429.32
2044	\$649.98	\$197.28	\$329.14	\$633.37		\$2,537.61	\$759.00	\$429.86
2045	\$650.79	\$197.53	\$329.56	\$634.16		\$2,540.80	\$759.95	\$430.40
2046	\$651.61	\$197.77	\$329.97	\$634.95		\$2,543.98	\$760.90	\$430.94
2047	\$652.43	\$198.02	\$330.38	\$635.75		\$2,547.17	\$761.86	\$431.48
2048	\$619.28	\$187.96	\$313.59	\$603.45		\$2,417.75	\$723.15	\$409.55
<b>TOTAL</b>	<b>\$22,349.52</b>	<b>\$6,918.40</b>	<b>\$11,317.57</b>	<b>\$21,778.28</b>	<b>\$210.00</b>	<b>\$87,255.94</b>	<b>\$26,098.24</b>	<b>\$14,780.67</b>

Table 2, continued

PTH labs	Urinalysis labs	Urine culture/ differential labs	DEXA scan	Pump implantation	Pump refill & reprogram	Coumadin	Cyclo- benzaprine	ASA
\$271.00	\$15.00	\$45.00	\$246.00	\$12,000.00	\$11,650.00	\$48.67	\$121.67	\$14.17
\$271.34	\$15.02	\$45.06	\$246.31	\$12,015.04	\$11,664.61	\$48.73	\$121.82	\$14.19
\$271.68	\$15.04	\$45.11	\$246.62	\$12,030.11	\$11,679.23	\$48.79	\$121.98	\$14.21
\$272.02	\$15.06	\$45.17	\$246.93	\$12,045.19	\$11,693.87	\$48.85	\$122.13	\$14.22
\$272.36	\$15.08	\$45.23	\$247.24	\$12,060.29	\$11,708.53	\$48.91	\$122.28	\$14.24
\$272.70	\$15.09	\$45.28	\$247.55	\$12,075.41	\$11,723.21	\$48.98	\$122.43	\$14.26
\$273.04	\$15.11	\$45.34	\$247.86	\$12,090.55	\$11,737.91	\$49.04	\$122.59	\$14.28
\$273.39	\$15.13	\$45.40	\$248.17	\$12,105.71	\$11,752.63	\$49.10	\$122.74	\$14.29
\$273.73	\$15.15	\$45.45	\$248.48	\$12,120.89	\$11,767.36	\$49.16	\$122.90	\$14.31
\$274.07	\$15.17	\$45.51	\$248.79	\$12,136.08	\$11,782.12	\$49.22	\$123.05	\$14.33
\$274.42	\$15.19	\$45.57	\$249.10	\$12,151.30	\$11,796.89	\$49.28	\$123.20	\$14.35
\$274.76	\$15.21	\$45.62	\$249.41	\$12,166.53	\$11,811.68	\$49.35	\$123.36	\$14.37
\$275.11	\$15.23	\$45.68	\$249.73	\$12,181.79	\$11,826.49	\$49.41	\$123.51	\$14.38
\$275.45	\$15.25	\$45.74	\$250.04	\$12,197.06	\$11,841.31	\$49.47	\$123.67	\$14.40
\$275.80	\$15.27	\$45.80	\$250.35	\$12,212.35	\$11,856.16	\$49.53	\$123.82	\$14.42
\$276.14	\$15.28	\$45.85	\$250.67	\$12,227.66	\$11,871.02	\$49.59	\$123.98	\$14.44
\$276.49	\$15.30	\$45.91	\$250.98	\$12,242.99	\$11,885.91	\$49.66	\$124.13	\$14.46
\$276.83	\$15.32	\$45.97	\$251.30	\$12,258.34	\$11,900.81	\$49.72	\$124.29	\$14.48
\$277.18	\$15.34	\$46.03	\$251.61	\$12,273.71	\$11,915.73	\$49.78	\$124.45	\$14.49
\$277.53	\$15.36	\$46.08	\$251.93	\$12,289.10	\$11,930.67	\$49.84	\$124.60	\$14.51
\$277.88	\$15.38	\$46.14	\$252.24	\$12,304.51	\$11,945.63	\$49.91	\$124.76	\$14.53
\$278.23	\$15.40	\$46.20	\$252.56	\$12,319.93	\$11,960.60	\$49.97	\$124.91	\$14.55
\$278.57	\$15.42	\$46.26	\$252.88	\$12,335.38	\$11,975.60	\$50.03	\$125.07	\$14.57
\$278.92	\$15.44	\$46.32	\$253.19	\$12,350.85	\$11,990.61	\$50.09	\$125.23	\$14.58
\$279.27	\$15.46	\$46.37	\$253.51	\$12,366.33	\$12,005.65	\$50.16	\$125.38	\$14.60
\$279.62	\$15.48	\$46.43	\$253.83	\$12,381.83	\$12,020.70	\$50.22	\$125.54	\$14.62
\$279.97	\$15.50	\$46.49	\$254.15	\$12,397.36	\$12,035.77	\$50.28	\$125.70	\$14.64
\$280.32	\$15.52	\$46.55	\$254.46	\$12,412.90	\$12,050.86	\$50.34	\$125.86	\$14.66
\$280.68	\$15.54	\$46.61	\$254.78	\$12,428.46	\$12,065.97	\$50.41	\$126.01	\$14.68
\$281.03	\$15.56	\$46.67	\$255.10	\$12,444.05	\$12,081.09	\$50.47	\$126.17	\$14.69
\$281.38	\$15.57	\$46.72	\$255.42	\$12,459.65	\$12,096.24	\$50.53	\$126.33	\$14.71
\$281.73	\$15.59	\$46.78	\$255.74	\$12,475.27	\$12,111.41	\$50.60	\$126.49	\$14.73
\$282.09	\$15.61	\$46.84	\$256.06	\$12,490.91	\$12,126.59	\$50.66	\$126.65	\$14.75
\$282.44	\$15.63	\$46.90	\$256.38	\$12,506.57	\$12,141.79	\$50.72	\$126.81	\$14.77
\$268.09	\$14.84	\$44.52	\$243.36	\$11,871.09	\$11,524.85	\$48.15	\$120.36	\$14.02
\$9,675.27	\$535.53	\$1,606.59	\$8,782.72	\$428,425.23	\$415,929.49	\$1,737.62	\$4,343.87	\$505.90

Table 2, continued

Potassium chloride	Tizanidine	Oxycodone 30 mg	Oxycodone 80 mg	Coloplast catheter kit	Urinal	Culcolax suppository	Enemeez	Depends
\$773.68	\$1,538.96	\$11,110.48	\$13,397.81	\$14,307.49	\$29.90	\$42.59	\$381.06	\$398.93
\$774.65	\$1,540.89	\$11,124.41	\$13,414.61	\$14,325.43	\$29.94	\$42.64	\$381.54	\$399.43
\$775.62	\$1,542.82	\$11,138.36	\$13,431.43	\$14,343.39	\$29.98	\$42.70	\$382.02	\$399.93
\$776.59	\$1,544.76	\$11,152.32	\$13,448.27	\$14,361.37	\$30.01	\$42.75	\$382.50	\$400.43
\$777.57	\$1,546.69	\$11,166.30	\$13,465.13	\$14,379.38	\$30.05	\$42.80	\$382.97	\$400.93
\$778.54	\$1,548.63	\$11,180.30	\$13,482.01	\$14,397.40	\$30.09	\$42.86	\$383.45	\$401.44
\$779.52	\$1,550.57	\$11,194.32	\$13,498.91	\$14,415.45	\$30.13	\$42.91	\$383.94	\$401.94
\$780.50	\$1,552.52	\$11,208.35	\$13,515.83	\$14,433.53	\$30.16	\$42.97	\$384.42	\$402.44
\$781.47	\$1,554.46	\$11,222.41	\$13,532.78	\$14,451.62	\$30.20	\$43.02	\$384.90	\$402.95
\$782.45	\$1,556.41	\$11,236.48	\$13,549.75	\$14,469.74	\$30.24	\$43.07	\$385.38	\$403.45
\$783.43	\$1,558.36	\$11,250.56	\$13,566.73	\$14,487.88	\$30.28	\$43.13	\$385.86	\$403.96
\$784.42	\$1,560.32	\$11,264.67	\$13,583.74	\$14,506.05	\$30.31	\$43.18	\$386.35	\$404.47
\$785.40	\$1,562.27	\$11,278.79	\$13,600.77	\$14,524.23	\$30.35	\$43.24	\$386.83	\$404.97
\$786.39	\$1,564.23	\$11,292.93	\$13,617.83	\$14,542.44	\$30.39	\$43.29	\$387.32	\$405.48
\$787.37	\$1,566.19	\$11,307.09	\$13,634.90	\$14,560.68	\$30.43	\$43.34	\$387.80	\$405.99
\$788.36	\$1,568.16	\$11,321.27	\$13,651.99	\$14,578.93	\$30.47	\$43.40	\$388.29	\$406.50
\$789.35	\$1,570.12	\$11,335.46	\$13,669.11	\$14,597.21	\$30.51	\$43.45	\$388.78	\$407.01
\$790.34	\$1,572.09	\$11,349.67	\$13,686.25	\$14,615.51	\$30.54	\$43.51	\$389.26	\$407.52
\$791.33	\$1,574.06	\$11,363.90	\$13,703.41	\$14,633.83	\$30.58	\$43.56	\$389.75	\$408.03
\$792.32	\$1,576.04	\$11,378.15	\$13,720.59	\$14,652.18	\$30.62	\$43.62	\$390.24	\$408.54
\$793.31	\$1,578.01	\$11,392.42	\$13,737.79	\$14,670.55	\$30.66	\$43.67	\$390.73	\$409.05
\$794.31	\$1,579.99	\$11,406.70	\$13,755.01	\$14,688.94	\$30.70	\$43.73	\$391.22	\$409.57
\$795.30	\$1,581.97	\$11,421.00	\$13,772.26	\$14,707.36	\$30.74	\$43.78	\$391.71	\$410.08
\$796.30	\$1,583.95	\$11,435.32	\$13,789.52	\$14,725.80	\$30.77	\$43.84	\$392.20	\$410.59
\$797.30	\$1,585.94	\$11,449.66	\$13,806.81	\$14,744.26	\$30.81	\$43.89	\$392.69	\$411.11
\$798.30	\$1,587.93	\$11,464.01	\$13,824.12	\$14,762.75	\$30.85	\$43.95	\$393.19	\$411.62
\$799.30	\$1,589.92	\$11,478.38	\$13,841.45	\$14,781.26	\$30.89	\$44.00	\$393.68	\$412.14
\$800.30	\$1,591.91	\$11,492.77	\$13,858.81	\$14,799.79	\$30.93	\$44.06	\$394.17	\$412.66
\$801.30	\$1,593.91	\$11,507.18	\$13,876.18	\$14,818.34	\$30.97	\$44.11	\$394.67	\$413.17
\$802.31	\$1,595.91	\$11,521.61	\$13,893.58	\$14,836.92	\$31.01	\$44.17	\$395.16	\$413.69
\$803.31	\$1,597.91	\$11,536.06	\$13,911.00	\$14,855.52	\$31.05	\$44.22	\$395.66	\$414.21
\$804.32	\$1,599.91	\$11,550.52	\$13,928.44	\$14,874.15	\$31.08	\$44.28	\$396.15	\$414.73
\$805.33	\$1,601.92	\$11,565.00	\$13,945.90	\$14,892.80	\$31.12	\$44.33	\$396.65	\$415.25
\$806.34	\$1,603.93	\$11,579.50	\$13,963.39	\$14,911.47	\$31.16	\$44.39	\$397.15	\$415.77
\$765.37	\$1,522.43	\$10,991.13	\$13,253.89	\$14,153.79	\$29.58	\$42.13	\$376.97	\$394.64
\$27,622.00	\$54,944.11	\$396,667.49	\$478,329.98	\$510,807.47	\$1,067.49	\$1,520.55	\$13,604.64	\$14,242.64

Table 2, continued

Routine daily supplies	Inpatient SCI rehabilitation	Physical therapy post rehab	Psychotherapy	PCA/homemaker	RN	Electric Hospital Bed	Over-bed table	Tub transfer bench
\$547.50	\$47,250.00	\$11,250.00	\$3,460.00	\$36,092.00	\$2,946.00	\$95.00	\$16.25	
\$548.19		\$608.76	\$811.02	\$36,137.25	\$2,949.69	\$95.12	\$16.27	
\$548.87		\$609.53	\$812.03	\$36,182.56	\$2,953.39	\$95.24	\$16.29	
\$549.56		\$610.29	\$813.05	\$36,227.92	\$2,957.09	\$95.36	\$16.31	
\$550.25		\$611.05	\$814.07	\$36,273.34	\$2,960.80	\$95.48	\$16.33	\$23.12
\$550.94		\$611.82	\$815.09	\$36,318.82	\$2,964.51	\$95.60	\$16.35	\$23.14
\$551.63		\$612.59	\$816.11	\$36,364.35	\$2,968.23	\$95.72	\$16.37	\$23.17
\$552.32		\$613.36	\$817.14	\$36,409.94	\$2,971.95	\$95.84	\$16.39	\$23.20
\$553.02		\$614.13	\$818.16	\$36,455.59	\$2,975.68	\$95.96	\$16.41	\$23.23
\$553.71		\$614.89	\$819.19	\$36,501.30	\$2,979.41	\$96.08	\$16.43	\$23.26
\$554.40		\$615.67	\$820.21	\$36,547.06	\$2,983.14	\$96.20	\$16.45	\$23.29
\$555.10		\$616.44	\$821.24	\$36,592.88	\$2,986.88	\$96.32	\$16.48	\$23.32
\$555.79		\$617.21	\$822.27	\$36,638.76	\$2,990.63	\$96.44	\$16.50	\$23.35
\$556.49		\$617.98	\$823.30	\$36,684.69	\$2,994.38	\$96.56	\$16.52	\$23.38
\$557.19		\$618.76	\$824.33	\$36,730.69	\$2,998.13	\$96.68	\$16.54	\$23.41
\$557.89		\$619.53	\$825.37	\$36,776.74	\$3,001.89	\$96.80	\$16.56	\$23.44
\$558.59		\$620.31	\$826.40	\$55,233.25	\$3,005.66	\$96.92	\$16.58	\$23.47
\$559.29		\$621.09	\$827.44	\$55,302.50	\$3,009.42	\$97.05	\$16.60	\$23.50
\$559.99		\$621.87	\$828.48	\$55,371.83	\$3,013.20	\$97.17	\$16.62	\$23.52
\$560.69		\$622.65	\$829.51	\$55,441.25	\$3,016.97	\$97.29	\$16.64	\$23.55
\$561.39		\$623.43	\$830.55	\$55,510.76	\$3,020.76	\$97.41	\$16.66	\$23.58
\$562.10		\$624.21	\$831.60	\$55,580.36	\$3,024.54	\$97.53	\$16.68	\$23.61
\$562.80		\$624.99	\$832.64	\$55,650.04	\$3,028.34	\$97.66	\$16.70	\$23.64
\$563.51		\$625.78	\$833.68	\$55,719.81	\$3,032.13	\$97.78	\$16.73	\$23.67
\$564.21		\$626.56	\$834.73	\$55,789.67	\$3,035.93	\$97.90	\$16.75	\$23.70
\$564.92		\$627.35	\$835.77	\$55,859.61	\$3,039.74	\$98.02	\$16.77	\$23.73
\$565.63		\$628.13	\$836.82	\$55,929.65	\$3,043.55	\$98.15	\$16.79	\$23.76
\$566.34		\$628.92	\$837.87	\$55,999.77	\$3,047.37	\$98.27	\$16.81	\$23.79
\$567.05		\$629.71	\$838.92	\$56,069.98	\$3,051.19	\$98.39	\$16.83	\$23.82
\$567.76		\$630.50	\$839.97	\$56,140.28	\$3,055.01	\$98.52	\$16.85	\$23.85
\$568.47		\$631.29	\$841.03	\$56,210.66	\$3,058.84	\$98.64	\$16.87	\$23.88
\$569.18		\$632.08	\$842.08	\$56,281.13	\$3,062.68	\$98.76	\$16.89	\$23.91
\$569.90		\$632.87	\$843.14	\$56,351.70	\$3,066.52	\$98.89	\$16.91	\$23.94
\$570.61		\$633.67	\$844.19	\$56,422.35	\$3,070.36	\$99.01	\$16.94	\$23.97
\$541.62		\$601.47	\$801.30	\$53,555.44	\$2,914.35	\$93.98	\$16.08	\$22.75
\$19,546.90	\$47,250.00	\$32,348.88	\$31,568.70	\$1,641,353.92	\$105,178.39	\$3,391.70	\$580.16	\$728.98

Table 2, continued

Raised toilet seat	Transfer board	Skin inspection mirror	Jazzy 600	Roho cushion	Maintenance/ repair	Back pack*	TiLite folding wheelchair	Roho cushion
		\$5.83	\$705.80	\$159.50	\$300.00	\$55.00	\$246.47	\$63.80
		\$5.84	\$706.68	\$159.70	\$300.38	\$54.32	\$246.78	\$63.88
		\$5.84	\$707.57	\$159.90	\$300.75	\$53.65	\$247.09	\$63.96
		\$5.85	\$708.46	\$160.10	\$301.13	\$52.99	\$247.40	\$64.04
\$16.08	\$10.05	\$5.86	\$709.35	\$160.30	\$301.51	\$52.33	\$247.71	\$64.12
\$16.10	\$10.06	\$5.87	\$710.24	\$160.50	\$301.89	\$51.69	\$248.02	\$64.20
\$16.12	\$10.08	\$5.87	\$711.13	\$160.70	\$302.26	\$51.05	\$248.33	\$64.28
\$16.14	\$10.09	\$5.88	\$712.02	\$160.91	\$302.64	\$50.42	\$248.64	\$64.36
\$16.16	\$10.10	\$5.89	\$712.91	\$161.11	\$303.02	\$49.80	\$248.95	\$64.44
\$16.18	\$10.11	\$5.90	\$713.80	\$161.31	\$303.40	\$49.18	\$249.27	\$64.52
\$16.20	\$10.13	\$5.90	\$714.70	\$161.51	\$303.78	\$48.58	\$249.58	\$64.60
\$16.22	\$10.14	\$5.91	\$715.60	\$161.71	\$304.16	\$47.98	\$249.89	\$64.69
\$16.24	\$10.15	\$5.92	\$716.49	\$161.92	\$304.54	\$47.38	\$250.20	\$64.77
\$16.26	\$10.16	\$5.93	\$717.39	\$162.12	\$304.93	\$46.80	\$250.52	\$64.85
\$16.28	\$10.18	\$5.93	\$718.29	\$162.32	\$305.31	\$46.22	\$250.83	\$64.93
\$16.30	\$10.19	\$5.94	\$719.19	\$162.53	\$305.69	\$45.65	\$251.15	\$65.01
\$16.32	\$10.20	\$5.95	\$720.09	\$162.73	\$306.07	\$45.09	\$251.46	\$65.09
\$16.34	\$10.22	\$5.96	\$720.99	\$162.93	\$306.46	\$44.53	\$251.78	\$65.17
\$16.36	\$10.23	\$5.96	\$721.90	\$163.14	\$306.84	\$43.98	\$252.09	\$65.26
\$16.39	\$10.24	\$5.97	\$722.80	\$163.34	\$307.23	\$43.44	\$252.41	\$65.34
\$16.41	\$10.25	\$5.98	\$723.71	\$163.55	\$307.61	\$42.90	\$252.72	\$65.42
\$16.43	\$10.27	\$5.99	\$724.62	\$163.75	\$308.00	\$42.37	\$253.04	\$65.50
\$16.45	\$10.28	\$5.99	\$725.53	\$163.96	\$308.38	\$41.85	\$253.36	\$65.58
\$16.47	\$10.29	\$6.00	\$726.44	\$164.16	\$308.77	\$41.33	\$253.68	\$65.67
\$16.49	\$10.31	\$6.01	\$727.35	\$164.37	\$309.16	\$40.82	\$253.99	\$65.75
\$16.51	\$10.32	\$6.02	\$728.26	\$164.58	\$309.55	\$40.32	\$254.31	\$65.83
\$16.53	\$10.33	\$6.02	\$729.17	\$164.78	\$309.93	\$39.82	\$254.63	\$65.91
\$16.55	\$10.34	\$6.03	\$730.09	\$164.99	\$310.32	\$39.33	\$254.95	\$66.00
\$16.57	\$10.36	\$6.04	\$731.00	\$165.19	\$310.71	\$38.84	\$255.27	\$66.08
\$16.59	\$10.37	\$6.05	\$731.92	\$165.40	\$311.10	\$38.36	\$255.59	\$66.16
\$16.61	\$10.38	\$6.05	\$732.83	\$165.61	\$311.49	\$37.89	\$255.91	\$66.24
\$16.63	\$10.40	\$6.06	\$733.75	\$165.82	\$311.88	\$37.42	\$256.23	\$66.33
\$16.65	\$10.41	\$6.07	\$734.67	\$166.03	\$312.27	\$36.96	\$256.55	\$66.41
\$16.68	\$10.42	\$6.08	\$735.59	\$166.23	\$312.66	\$36.50	\$256.88	\$66.49
\$15.83	\$9.89	\$5.77	\$698.22	\$157.79	\$296.78	\$34.65	\$243.82	\$63.11
\$507.11	\$316.95	\$208.14	\$25,198.54	\$5,694.49	\$10,710.63	\$1,569.45	\$8,799.52	\$2,277.79

Table 2, continued

Maintenance/ repair	Mini-van modifications	Modification maintenance	AAA membership*	TOTAL	CUMULATIVE TOTAL	Year
\$175.00	\$4,850.00	\$225.00	\$91.00	\$180,603.56	\$180,603.56	2014
\$175.22	\$4,856.08	\$225.28	\$89.88	\$119,864.67	\$300,468.23	2015
\$175.44	\$4,862.17	\$225.56	\$88.77	\$120,012.99	\$420,481.22	2016
\$175.66	\$4,868.26	\$225.85	\$87.67	\$120,161.51	\$540,642.73	2017
\$175.88	\$4,874.37	\$226.13	\$86.59	\$120,359.50	\$661,002.23	2018
\$176.10	\$4,880.48	\$226.41	\$85.52	\$120,508.51	\$781,510.74	2019
\$176.32	\$4,886.60	\$226.70	\$84.46	\$120,657.73	\$902,168.47	2020
\$176.54	\$4,892.72	\$226.98	\$83.42	\$120,807.16	\$1,022,975.63	2021
\$176.76	\$4,898.86	\$227.27	\$82.39	\$120,956.80	\$1,143,932.43	2022
\$176.98	\$4,905.00	\$227.55	\$81.37	\$121,106.65	\$1,265,039.08	2023
\$177.21	\$4,911.15	\$227.84	\$80.37	\$121,256.71	\$1,386,295.79	2024
\$177.43	\$4,917.31	\$228.12	\$79.38	\$121,406.98	\$1,507,702.77	2025
\$177.65	\$4,923.47	\$228.41	\$78.40	\$121,557.46	\$1,629,260.23	2026
\$177.87	\$4,929.65	\$228.69	\$77.43	\$121,708.15	\$1,750,968.38	2027
\$178.10	\$4,935.83	\$228.98	\$76.47	\$121,859.05	\$1,872,827.44	2028
\$178.32	\$4,942.01	\$229.27	\$75.53	\$122,010.16	\$1,994,837.60	2029
\$178.54	\$4,948.21	\$229.56	\$74.60	\$140,571.89	\$2,135,409.49	2030
\$178.77	\$4,954.41	\$229.84	\$73.68	\$140,746.50	\$2,276,155.99	2031
\$178.99	\$4,960.63	\$230.13	\$72.77	\$140,921.35	\$2,417,077.34	2032
\$179.22	\$4,966.84	\$230.42	\$71.87	\$141,096.44	\$2,558,173.78	2033
\$179.44	\$4,973.07	\$230.71	\$70.98	\$141,271.77	\$2,699,445.56	2034
\$179.67	\$4,979.31	\$231.00	\$70.11	\$141,447.34	\$2,840,892.90	2035
\$179.89	\$4,985.55	\$231.29	\$69.24	\$141,623.15	\$2,982,516.05	2036
\$180.12	\$4,991.80	\$231.58	\$68.39	\$141,799.20	\$3,124,315.25	2037
\$180.34	\$4,998.06	\$231.87	\$67.54	\$141,975.48	\$3,266,290.73	2038
\$180.57	\$5,004.32	\$232.16	\$66.71	\$142,152.01	\$3,408,442.74	2039
\$180.79	\$5,010.60	\$232.45	\$65.88	\$142,328.78	\$3,550,771.52	2040
\$181.02	\$5,016.88	\$232.74	\$65.07	\$142,505.78	\$3,693,277.30	2041
\$181.25	\$5,023.17	\$233.03	\$64.27	\$142,683.03	\$3,835,960.33	2042
\$181.48	\$5,029.47	\$233.33	\$63.47	\$142,860.51	\$3,978,820.84	2043
\$181.70	\$5,035.77	\$233.62	\$62.69	\$143,038.24	\$4,121,859.08	2044
\$181.93	\$5,042.09	\$233.91	\$61.92	\$143,216.20	\$4,265,075.28	2045
\$182.16	\$5,048.41	\$234.20	\$61.15	\$143,394.41	\$4,408,469.69	2046
\$182.39	\$5,054.74	\$234.50	\$60.40	\$143,572.85	\$4,552,042.54	2047
\$173.12	\$4,797.90	\$222.58	\$57.33	\$136,277.71	\$4,688,320.24	2048
\$6,247.87	\$173,155.20	\$8,032.97	\$2,596.73	\$4,688,320.24		

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### Education:

**Ph. D.**, Economics, The Ohio State University, 1991.

**M.A.**, Economics, The Ohio State University, 1987.

**M.S.**, Operations Research, Stanford University, 1982.

**B.S.**, Operations Research and Industrial Engineering, Cornell University, 1981.

### Professional Experience:

**Associate Professor**, Denison University, January 1997 - present. **Assistant Professor**, Fall 1991 - Fall 1996. **Visiting Instructor**, Fall 1989.

**Forensic Economic Consultant**, 1992 – present.

**Investment Research**, AT&T Corporate Headquarters, summer 1986.

**Economic Analyst**, AT&T Bell Laboratories, 1981-1985.

**Adjunct Professor**, Quantitative Analysis, Fairleigh Dickinson University, 1983-1984.

**Consultant**, Failure Analysis Associates, Palo Alto, CA, 1981-1982.

### Publications:

“Optimal Pricing for Voice Mail Services: A Comment”, *The American Economist*, volume 57, no. 2, Fall 2012, pp. 253 – 256.

“History and Search Capacities of Web Sites for Legal Decisions of Interest to Forensic Economists”, with Thomas R. Ireland, *Journal of Legal Economics*, volume 15, no. 1, August 2008, pp. 93 – 102.

“Trial Lawyers Care: The 9/11 Victim Compensation Fund”, *The FCTLA Communicator*, volume 1, no. 1, Fall 2005, pp. 5 – 6.

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“Assessing Economic Damages in Personal Injury and Wrongful Death Litigation: The State of Ohio”, with Ralph R. Frasca, *Journal of Forensic Economics*, volume 17, no. 2, Spring/Summer 2004, pp. 241 – 253.

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“On the Application of the ‘Adjusted Winner’ Conflict Resolution Methodology to Divorce Cases: An Introduction for Forensic Economists”, *Litigation Economics Review*, volume 5, no. 2, Winter 2001, pp. 2 - 8.

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“The Use of Maple in Undergraduate Microeconomics Instruction”, Waterloo Maple Applications Center, [http://www.mapleapps.com/categories/econ\\_fin\\_eng/economics/html/microecon.html](http://www.mapleapps.com/categories/econ_fin_eng/economics/html/microecon.html).

“On the Use of Symbolic Computation in Undergraduate Microeconomics Instruction”, *Journal of Economic Education*, volume 29, no. 3, Summer 1998, pp. 227 - 246.

“From ‘Mom and Pop’ to Wal-Mart: The Impact of the Consumer Goods Pricing Act of 1975 on the Retail Sector in the United States”, *Journal of Economic Issues*, volume 31, no. 1, March 1997, pp. 223 - 232.

“The Home Field Advantage: Implications for the Pricing of Tickets to Professional Team Sporting Events”, with Laura A. Boyd, *Journal of Economics and Finance*, volume 20, no. 2, Summer 1996, pp. 23 - 31.

"The Home Field Advantage: Implications for the Pricing of Tickets to Professional Team Sporting Events: Errata", with Laura A. Boyd, *Journal of Economics and Finance*, volume 22, no. 2-3, Summer/Fall 1998, pp. 169 - 179.

"On the Use of Symbolic Computation in Advanced Undergraduate Microeconomics Instruction", published proceedings from the 7th annual Teaching Economics: Instruction and Classroom Based Research Conference, Robert Morris College, Coraopolis, PA, 1996.

"The Use of Maple in Undergraduate Microeconomics Instruction", *MapleTech: The Maple Technical Newsletter*, volume 3, no. 3, Winter 1996, pp. 60 - 66.

"Resale Price Maintenance or Dealer Exclusive Territories? Toward a Theory of Product Distribution", *The American Economist*, volume 40, no. 2, Fall 1996, pp. 86 - 94.

"Vertical Restraints and the Retail Free Riding Problem: An Austrian Perspective", *Review of Austrian Economics*, volume 9, no. 1, 1996, pp. 119 - 134.

"Applied Price Theory Software for Windows", computer software to accompany Microeconomics, 2nd edition, Michael L. Katz and Harvey S. Rosen, Richard D. Irwin, Inc., 1996.

"Applied Price Theory Software for Microeconomic Analysis", manual to accompany Applied Price Theory Software, Richard D. Irwin, Inc., 1996.

"Strategic Behavior in Contests: Evidence from the 1992 Barcelona Olympic Games", with Laura A. Boyd, *Applied Economics*, volume 27, 1995, pp. 1037 - 1043.

"The Short- and Long-Run Marginal Cost Curve: An Alternative Explanation", with Laura A. Boyd, *Journal of Economic Education*, Summer 1994, pp. 261 - 266.

"The Choice Between Resale Price Maintenance and Exclusive Territories: Evidence from Litigation", *Review of Industrial Organization*, December 1993, pp. 755 - 763.

"The Resale Price Maintenance Struggle: A Comment", *American Journal of Economics and Sociology*, October 1993, pp. 447 - 454.

"The New Microcomputer Development Technology: Implications for the Economics Instructor and Software Author", *Journal of Economic Education*, Spring 1993, pp. 113 - 127.

"The National Collegiate Athletic Association: A Study in Cartel Behavior", by Arthur A. Fleisher III, Brian L. Goff, and Robert D. Tollison, book review, *Eastern Economic Journal*, October-December, 1992.

"Antitrust Economics on Trial: A Dialog on the New Laissez-Faire", by Walter Adams and James W. Brock, book review, *Southern Economic Journal*, July, 1992.

### **Conference/Seminar papers and presentations:**

“Economical Economic Expert Testimony in Employment Cases”, Ohio Employment Lawyers Association, Columbus, OH, April 12, 2013.

“Keys to Effective Expert Witness Examination in Ohio”, National Business Institute, Columbus, OH, October 9, 2003.

“Economics in the Liberal Arts: What It’s Like and How to Land a Job Doing It”, Department of Economics, The Ohio State University, Columbus, OH, October 24, 2002.

“Compensating the Victims of September 11: Economic Methodology Under the Victim Compensation Fund”, Omicron Delta Epsilon, Denison University, Granville, OH, October 17, 2002.

“Keys to Effective Expert Witness Examination in Ohio”, National Business Institute, Columbus, OH, September 19, 2002.

“Sports as Economics: What Economic Theory has to say about Athletic Competition”, Newark Area Financial Planning Group, Newark, OH, April 20, 2000.

“Economics in the Liberal Arts: A Viable Career Option”, Department of Economics, The Ohio State University, Columbus, OH, October 13, 1998.

“Forensic Economics: A Hypothetical Personal Injury Application”, Newark Tax Planning Group, Newark, OH, June 18, 1998.

“Can ‘Mom and Pop’ Compete with Wal-Mart?”, Denison University Organization Studies Summer Seminar, Denison University, Granville, OH, June 16, 1997.

“Maple in Undergraduate Economics: Applications from Consumer Theory”, Quantitative Methods, Econometrics, and Mathematical Analysis in Teaching Undergraduate Economics, Miami University, Oxford, OH, October 21, 1996.

“The Home Field Advantage: Implications for the Pricing of Tickets to Professional Team Sporting Events”, paper presented at the 42nd International Atlantic Economic Conference, Washington, D.C., October 12, 1996.

“On the Use of Symbolic Computation in Undergraduate Economics”, Great Lakes Colleges Association Teaching and Technology Workshop, Denison University, Granville, OH, April 20, 1996.

“The Impact of the Consumer Goods Pricing Act of 1975 on the Retail Sector in the United States”, paper presented at the annual meetings of the Midwest Economic Association, Chicago, IL, March 23, 1996.

“On the Use of Symbolic Computation in Advanced Undergraduate Microeconomics Instruction”, paper presented at the 7th annual Teaching Economics: Instruction and Classroom Based Research Conference, Robert Morris College, Coraopolis, PA, February 16, 1996.

“Teaching with Maple™: Consumer Theory in Economics”, Denison Scientific Association, Denison University, Granville, OH, September 20, 1995.

“Sports as Economics: Charles Barkley meets Adam Smith”, Denison University Faculty Lunch, Granville, OH, March 7, 1995; Denison University Alumni College, May 20, 1995.

“Intertemporal Strategic Behavior: Evidence from the 1992 Barcelona Olympic Games”, paper presented at the annual meetings of the Midwest Economic Association, Cincinnati, OH, April 1, 1995.

“Diamonds in the Rough? The Economics of Major League Baseball”, Ashland University, Ashland, OH, November 17, 1994.

“The Home Field Advantage and Team Sports Ticket Pricing”, paper presented at the annual meetings of the Western Economic Association International, Vancouver, British Columbia, July 2, 1994.

“The Comparative Advantages of Being Small: How Independent Retailers can Successfully Compete with Mass Merchandisers”, Scotts Training Institute, Columbus, OH, March 23, 1994.

“The Effect of Intraconference Competition on Post-Season Play: Evidence from the NCAA Tournament”, with Laura A. Boyd, paper presented at the Teaching Economics: Instruction and Classroom Based Research Conference, Robert Morris College, Coraopolis, PA, February 13, 1993.

“What Does Japan Do To Get Us So Upset?”, with Daniel O. Fletcher, Denison University Alumni College, Granville, OH, May 30, 1992.

“A Quick Tour of Applied Price Theory™: Intermediate Microeconomic Software”, paper presented at the annual meetings of the Eastern Economic Association, New York, NY, March 28, 1992.

“Vertical Restraints with Heterogeneous Retailers”, paper presented at the Microeconomics Workshop, The Ohio State University, October, 1990.

“Active Equity Transaction Cost Measurement”, paper presented to the United States Department of Labor on behalf of AT&T Corporate Management, October, 1986.

**Professional Activities:**

Textbook and software reviewer for Addison Wesley, McGraw-Hill, D.C. Heath, Little, Brown and Company, and the Academic Press.

Referee for *Journal of Forensic Economics*, *Litigation Economics Review*, *Journal of Industrial Economics*, *Journal of Economic Education*, *Journal of Economics and Finance*, *Journal of Economics and Business*, *Empirical Economics*, and *The American Economist*.