

# CURRICULUM VITAE

Mary Joan Roach, Ph.D.

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## Personal Information

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## Education

Monmouth College, Monmouth, Illinois	1977	BA Sociology
The University of Akron, Akron, Ohio	1983	M.A Sociology
The University of Akron, Akron, Ohio Specialty area: Urban Sociology	1987	Ph.D. Sociology

## Professional Positions and Appointments

### Present Academic Rank and Position:

Asst. Professor: Case Western Reserve University School of Medicine  
Department of Physical Medicine and Rehabilitation 2000 - present

Senior Scholar: Center for Health Care Research and Policy  
Case at MetroHealth Medical Center 2004 - present

SCI Program Manager: MetroHealth Medical Center  
Dept. of Physical Medicine and Rehabilitation 1995 - present

### Previous Positions and Appointments:

Research Manager: The Annual Akron Area Survey.  
The University of Akron, Dept. of Sociology 1983 – 1984

Part-Time Faculty: The University of Akron, Dept. of Sociology  
Courses: Intro to Sociology, Social Problems, Family Sociology 1983-1987

Senior Research Associate: Case Western Reserve University  
School of Medicine, Dept. of Medicine 1988 - 1994

Interim Project Director: Kent State University  
Dept. of Psychology

May-Oct. 1994

Research Scientist: Louis Stokes VA Medical Center  
Center for Health Quality Research

2002-2004

**Institutional, Departmental, and Divisional Administrative Responsibilities, Committee Memberships, and Other Professional Activities**

**Academic Activities:**

2005-2011 Reviewer. Archives of Physical Medicine and Rehabilitation  
2004-2013 Reviewer. Medical Decision Making  
2004 Reviewer. Louis Stokes VA Medical Center  
2001 Review Committee. Annual Review of Spinal Cord Injury Model Systems. US Dept. of Education, National Institute on Disability and Rehabilitation Research.

**Committee Membership:**

2006-2008 Research Review Committee Member. Kaiser Permanente, Cleveland, OH.  
2004-2006 Member, Department of Physical Medicine and Rehabilitation Research Committee.  
2000-2010 Chair, Annual Brain Injury Conference, MHMC, Dept. PM&R  
1999-2003 Member, Annual Rehabilitation Conference, MHMC, Dept. PM&R  
1998 Chair, ASIA Host City Committee  
1995-2012 Co-Chair, Annual Spinal Cord Injury Forum, MHMC, Dept. PM&R

**Honors And Awards**

Northeast Ohio Regional SCI Service Award 2010  
Poster Award 1<sup>st</sup> Place American Telemedicine Association 2001  
Rogler Merit Scholarship The University of Akron  
Department of Sociology 1985  
Research Award The University of Akron 1984  
Dean's List Monmouth College 1973 - 1977

**Community Activities**

President. The Univ. of Akron, Dept. of Sociology Alumni Society. 2004-2006  
Panel speaker for the A & S Careers Program at The University of Akron Oct. 2005, Oct. 2006,  
Oct 2008, Oct, 2012

**Research Grants:**

**Ongoing**

The Northeast Ohio Regional Spinal Cord Injury Model System  
US Dep. Of Health and Human Services, Administration for Community Living, National Institute for Disability, Independent Living and Rehabilitation Research (NIDILRR)  
S116000122 Nemunaitis (PI) Roach (Co-PI)

Spinal Cord Injury from the Time of Injury to Participation in the Community: Phase II.  
Craig Nielsen Foundation Nemunaitis (PI), Roach (Co-PI)

Completed

Spinal Cord Injury from the Time of Injury to Participation in the Community: Phase I.  
The Craig H. Nielsen Foundation, Quality of Life Tier 1: Bridge Grant Program.  
PI: Greg Nemunaitis, Co-PI: Mary Jo Roach

Relationship between Time on a Backboard and Pressure Ulcer Development in Persons with  
Traumatic Spinal Cord Injuries, Co-PI (PI: Melvin Mejia) Funding source: Ohio Division of EMS.

Defining Trauma Outcomes through an Investigation of Associations between Trauma  
And Rehabilitation Registry Data, Co-PI (PI: Melvin Mejia). Funding source: Ohio  
Division of EMS.

The NORSCIS-SCI Model System Development and Impact of New Technology on  
the New Paradigm of Disability, No-Cost Extension, Co-PI (PI: G. Nemunaitis).

United States Multi-Center Study to assess the validity and reliability of the  
Spinal Cord Independence Measure (SCIM III). Funding source: Christopher  
Reeves Foundation, Site PI.

Disaster Evacuation Preparedness for Persons with Spinal Cord Injury.  
Ohio Trauma Board, Emergency Medical Services, PI.

The Design of a Backboard for Dispersion of Interface Skin Pressure, Co-PI (PI: Gregory  
Nemunaitis) US Dept. of Education, NIDRR. H133N060017-08A. Co-PI (PI: G. Nemunaitis).

The NORSCIS-SCI Model System Development and Impact of New Technology on the New  
Paradigm of Disability, Co-PI (PI: G. Nemunaitis) US Dept. of Education, NIDRR H133N060017

Veteran Centered Outcomes Using Qualitative and Quantitative Methods  
Department of Veteran Affairs, Investigator (PI: C. Velozo)

Substance Abuse Policy Research Program  
RWJ, Project Manager (PI: N.V. Dawson)

Trial of Decision Support to Improve diabetes Care Project Manager (PI: R. Cebul)

Empowering Persons with a Spinal Cord Injury through a Shared Decision Making Program  
US Dept. of Edu., NIDRR, H133G020029, Project Manager (PI: P. Murray)

The Impact of Managed Care on Rehabilitation Services and Outcomes for Persons with  
Spinal Cord Injury. NIDRR H133G80073, Co-PI (PI: M. Dijkers)

The Road to Self-Sufficiency through Benefits Consultation  
SSA #16-T-10077-5-01 Co-PI (PI: D. Brennen)

The Northeastern Ohio Regional Spinal Cord Injury System (NORSCIS).  
Project Manager (PI: P. Murray) US Dept. of Education, NIDRR  
H133N50018

Study to Understand Prognosis and Preferences for Outcomes  
and Risks of Treatments (SUPPORT), RWJ, Project Manager  
(PI: AF. Connors, AF) (Co-PI: NV. Dawson)

A Model of Patient's Preferences in Serious Illness  
AHRQ 1 RO1 HS06754-01, Project Manager (PI: Dawson, NV)

Grief Study. Sub-project within the SUPPORT Study. PI

Advanced Directives and Medical Decision Making.  
NIA, Investigator (PI: P. Ditto)

The Similarities and Differences in the Psychological Adjustment of Widows  
and Divorcees NIA, MH0456, Project Manager (PI: G. Kitson)

#### Other Research Activities:

Consultant: For Gay C. Kitson The Similarities and Differences in the Psychological Adjustment of Widows and Divorcees. 1987 - 1988

Consultant for the National Coordinating Center of the SUPPORT Study 1989

Non-paid Consultant: Variables Influencing Pressure Ulcer Development in Critically Ill Adults (PI: Kerber and C, Naccaroto) 1989

Consultant: Creating a Toolkit of Instruments to Measure End of Life Care. Center for Improved Care of the Dying, George Washington University The Nathan Cummings Foundation and RWJ (Co-PIs: Teno, J, Lynn, J) 1995

Chair for the evaluation of the Psychosocial Variables in the National SCI Database. NIDRR SCI Model Systems Group. 2009-10

Consultant for PCORI grant: What patients with severe mental illness transitioning from hospital to community have to say about care and shared decision making. PI: Dawn Velligan, PhD. University of Texas Health Center, San Antonio. 2014-

#### Presentations At National Meetings

##### Paper Presentations:

**M.J. Roach** and D.J. O'Brien. Different Kinds of Neighborhood Participation and Neighborhood Satisfaction. North Central Sociological Association Meetings in Akron, Ohio, 1981.

G. C. Kitson, K. Benson Babri, **M.J. Roach** and K.S. Placidi. Adjustment to Widowhood and Divorce: A Review. National Council on Family Relations Pre-Conference: Theory Construction and Research Methodology Workshop. Dearborn, Michigan, 1986.

**M.J. Roach.** Similarities and Differences Between Widows and Divorcees: Social Supports and Their Effect on Depression National Council on Family Relations. Dearborn, Michigan, 1986.

G.C. Kitson and **M.J. Roach.** Stigma in Widowhood and Divorce. American Sociological Association Meetings. Chicago, Illinois, 1987.

**M.J. Roach,** F. Frost and G. Creasey. The Relationships Between Acquired Bowel Dysfunction and Impediment to Community Integration and Satisfaction with Life For Persons with a Spinal Cord Injury. Presented at the 45<sup>th</sup> American Paraplegia Society Meeting, Las Vegas, Nevada, Sept. 7-9, 1999.

P.K. Murray and **M.J. Roach.** SCI Model System and Non-Model System Patients: Who are They?" Presented at the 46<sup>th</sup> American Paraplegia Society Meeting, Las Vegas, Nevada, Sept. 4-5, 2000.

**M.J. Roach** and P.K. Murray. What Health State Is Most Valued by Persons With Spinal Cord Injury? Presented at the 29<sup>th</sup> American Spinal Injury Association Meeting, Vancouver, Canada. May 13-14, 2002.

**M.J. Roach,** P.K. Murray. A Shared Decision Aid for Bladder Management. Interurban Spinal Cord Injury Annual Meeting, Kingston, Canada, September 2005. Poster chosen for oral presentation.

EM Hannold, CA Velozo, **MJ Roach,** JM Hanjian, MM Jordan, AL Behrman, JJ Daly. Identifying Veteran-Centered Outcomes Using Qualitative Methods. Presented at the HSR&D VA Annual Meeting, Washington DC, 2007.

Poster Presentations:

C. Ceccio, **M.J. Roach,** D.Forster-Paulsen, and C. Murany. Anticipatory Guidance as a Framework for Implementing a Rehabilitation Telemedicine Program. American Telemedicine Association. Ft. Lauderdale, FL, May 2001 and at Rammelkamp Research Days, MetroHealth Medical Center, August 2001.

**M.J. Roach.,** P.K. Murray, N.V, Dawson and M. IJzermann.. Time Trade-Off Utilities for Spinal Cord Injury Related Health States: The Case of Tetraplegia. Society for Medical Decision Making. Chicago, ILL. October 2003.

**M.J. Roach,** P.K. Murray. Shared Decision Making Programs: The Case of Bladder Management. Association of Spinal Cord Injury Nurses Annual Meeting. Las Vegas, NV, September 2004.

**M.J. Roach,** K. Bauchens, D. Kaiser, D. Einstadter, S. Husak, P. Greco, and R. Cebul MD, for the DIG-IT Team. Epic-catalyzed Nurse Case Management: Early results from DIG-IT. MetroHealth Research Festival. Sept. 30, 2005

**M.J. Roach**, K. Bauchens, D. Kaiser, D. Einstadter, S. Husak, P. Greco, and R. Cebul MD, for the DIG-IT Team. Epic-catalyzed Nurse Case Management: Early results from DIG-IT. Ohio Health Technology Symposium. Columbus, OH October 17, 2005.

**M.J. Roach**, K. Bauchens, D. Kaiser, D. Einstadter, S. Husak, P. Greco, and R. Cebul MD, for the DIG-IT Team. Epic-catalyzed Nurse Case Management Diabetes Association of Greater Cleveland's Dietrich Diabetes Research Institute (DDRI) and Case School of Medicine Diabetes Research Retreat, Friday November 18, 2005

K. Bauchens, D. Kaiser, R. Ellert, P. Greco, S. Husak, T. Love, **M.J. Roach**, and R. Electronically-Facilitated Adoption of Nurse Case Management to Improve Diabetes Care and Outcomes. Cleveland's Dietrich Diabetes Research Institute and Case School of Medicine. **Diabetes Research Retreat**, Friday November 17, 2006

**M.J. Roach**, P. Greco, S. Husak, T. Love, D. Einstadter, N.V. Dawson, and R. Cebul Real-Time Clinical Decision Support to Improve Diabetes Care: Interim Results of Physician Adoption. Cleveland's Dietrich Diabetes Research Institute and Case School of Medicine. Diabetes Research Retreat, Friday November 17, 2006.

Cebul RD, **Roach MJ**, Votruba ME, Greco PJ, Einstadter D, Dawson NV, Husak SS, and Love TE. Glycemic Control Among Diverse Diabetics Cared for in a Single Health Care System: Implications for Pay for Performance and Public Health. MetroHealth Research Festival, Sept. 2007.

**MJ Roach**, NV Dawson, PJ Greco, and TS Love. Do Physicians Find Decision Support Embedded In The Electronic Medical Record System Useful In Managing Diabetic Patients? Annual Conference of the Society for Medical Decision Making in October, 2007 in Pittsburgh, PA.

K Hooven and **MJ Roach**. The Insurance Barrier to Comprehensive Rehabilitation. American Paraplegic Society Annual Meeting in August 11-3, 2008, Orlando, FL.

K Hooven, **MJ Roach, Ph.D.** and E Munoz . A Comprehensive Multidisciplinary Team Approach: A Home Discharge for the Ventilator Dependent Quadraplegic Patient. American Paraplegic Society Annual Meeting in August 11-3, 2008, Orlando, FL.

EM Hannold, CA Velozo, MM Jordan, **MJ Roach**, JM Hanjian, AL Behrman, JJ Daly .Generating Patient-Reported Outcomes Using Qualitative Methods. ACRM-ASNR Joint Educational Conference in Toronto, Ontario, October 15-19, 2008.

R.D. Cebul; T.E. Love; D. Einstadter; P.J. Greco; N.V. Dawson; **M. Roach**; S.S. Husak; M.E. Votruba. Electronic Medical Records-Catalyzed Clinical Decision Support to Improve Diabetes Care and Outcomes: Results of a Cluster Randomized Trial. Annual Meeting of the Society for General Internal Medicine, May 13-16, 2009, Miami Florida.

**Roach MJ**, Nagy J, Nemunaitis G. Are Communities and Persons with SCI Prepared to Deal with a Natural Disaster? Annual Meeting American Congress of Spinal Cord Injury Professionals, Las Vegas, NV, September 22-24, 2010.

Atluri K, Nagy J, Newcomb H, **Roach MJ**, Mejia M, Nemunaitis G, Wilson R. Effects of Backrest Elevation of Transport Stretcher/Gurney on Sacral Interface Pressure. ASIA 37<sup>th</sup> Annual Scientific Meeting, Washington, DC., May, 2011

Dechter S, **Roach MJ**, Nemunaitis G, Mejia M. Nocturnal Home Turning Schedule for Pressure Relief among Persons with SCI Living in the Community. ASIA 37<sup>th</sup> Annual Scientific Meeting, Washington, DC., May 2011

Nagy J, **Roach MJ**, Mejia M, Boninger M, Nemunaitis G. Pushrim Kinetics During Advanced Wheelchair Skills in Manual Wheelchair Users With Spinal Cord Injury. ASIA 37<sup>th</sup> Annual Scientific Meeting, Washington, DC., May 2011

**Roach, MJ**, Nagy J., Mejia MM and Nemunaitis G. Preventative Health Behaviors Among community Dwelling Persons with SCI. Academy of SCI Professionals Annual Scientific Meeting, Las Vegas, NV, Sept. 2011.

Perzynski AT, **Roach, MJ**, Shick, S, Callahan, B, Gunzler, D, Cebul R, Kaelber, D, Thornton JD, Einstatder, D. The Digital Divide in Personal Health Record Messaging. Academy of Health Annual Meeting, June, 2016. Poster Session.

### **Bibliography:**

#### **Publications-Journal Articles**

**M.J. Roach** and D.J. O'Brien. Different Kinds of Neighborhood Participation and Neighborhood Satisfaction. *Sociological Focus*, 1982. Vol. 15, No. 4 (Oct.), pp. 379 -391.

D.J. O'Brien and **M.J. Roach**. Recent Developments in Urban Sociology." *The Journal of Urban History*, 1984.

G.C. Kitson, K. Benson Babri and **M.J. Roach**. Who Divorces and Why: A Review. *Journal of Family Issues*, 1985; Vol. 6(Sept.), pp. 255 - 293.

D. Bass, **M.J. Roach** and T.B. Griffen. "Criteria For Admission to Detoxification Treatment: Factors Influencing Staff Judgments. *Journal of Social Science Research*, 1988; Vol. 11(1/3), pp. 55 - 71.

G.C. Kitson, K. Benson Babri, **M.J. Roach** and K.S. Placidi. "Adjustment to Widowhood and Divorce: A Review. *Journal of Family Issues*, 1989; Vol. 10(March), pp. 5 - 32.

G.C. Kitson and **M.J. Roach**. The Measurement of Social Adjustment in Widowhood and Divorce. *Older Bereaved Spouses: Research with Practical Applications*, 1989. pp. 167 - 182; (Ed.) Dale A. Lund, Hemisphere Pub. Co., N.Y.

**M.J. Roach** and G.C. Kitson. The Impact of Forewarning on the Psychological Adjustment to Widowhood and Divorce. *Older Bereaved Spouses: Research with Practical Applications*, 1989. pp. 185 - 199; (Ed.) Dale A. Lund, Hemisphere Publications Co., N.Y.

A.F. Connors, N.V. Dawson, H.R. Arkes and **M.J. Roach**. Decision making in SUPPORT: physician perceptions and preferences. *Journal of Clinical Epidemiology*, 1990; Supplement,

pp. 59S-62S.

**M.J. Roach**, A. F. Connors, N. V. Dawson, et al. Depressed Mood and Survival in Seriously Ill Hospitalized Adults. *Archives of Internal Medicine*, 1998; Vol. 158, pp.397 - 404.

F.Frost, D. Brennan, **M.J. Roach**. Opportunities in Community Placement: An Innovative Personal Care Assistant Training Program the Inner City. *Topics in Spinal Cord Injury Rehabilitation*, 1999; 4(9): 113 - 121.

J. Lynn, J. Dulac, **M.J. Roach**, et al. MediCaring: Development and Test Marketing of a Supportive Care Benefit for the Older Elderly. *Journal of Aging and Gerontological Studies*. September, 1999

J. Stuart Krause, D. Kewman, M. DeVivo, F. Maynard, J. Coker, **M.J. Roach**, S. Ducharme. Employment After Spinal Cord Injury: An Analysis of Cases From the Model Spinal Cord Injury Systems. *Arch Phys Med Rehabil*, 1999; Vol. 80, pp. 1492-1500.

R. Baker, J. Teno, J. Lynn, B. Krelling, M.A. Damiano, **M.J. Roach**, A.Wu. Family Satisfaction with End-Of-Life Care in Seriously Ill Hospitalized Adults. *J.Am.Ger.Soc*, 2000; May 48 (5 Supplement) S61-9.

**M.J. Roach**. Community Social Structure as an Indicator of Social Integration and Its Effect on Quality of Life for Persons with a Spinal Cord Injury. *Topics in Spinal Cord Injury Rehabilitation*. Winter 2002; 7(3); pp. 101-111.

D.L. Brown-Triolo, **M.J. Roach**, K. Nelson and RJ Triolo. Consumer perspectives on mobility: Implications for neuroprosthesis design. *J. Rehabilitation Research Development*, 2002; Nov/Dec; 39(6); pp. 659-670.

**M.J. Roach**, F. Frost and G. Creasey. Social and Personal Consequences of Acquired Bowel Dysfunction for Persons with Spinal Cord Injury. *J SCI Med.*, Winter 2000; 23(4); pp. 263-269.

Frost F., **Roach M.J.**, Kushner I., Schreiber P. Inflammatory C-reactive protein and cytokine levels in asymptomatic people with chronic spinal cord injury. *Arch Phys Med Rehabil*. 2005 Feb; 86(2):312-7

GJ Snoek, Ijzerman MJ, Post MW, Stiggelbout AM, **Roach MJ**, Zilvod G. Choice-based evaluation for the improvement of upper-extremity function compared with other impairments in tetraplegia. *Arch Phys Med Rehabil*. 2005 Aug;86(8):1623-30

EM Hannold, JM Hanjian, MM Jordan, **MJ Roach**, and CA Velozo. Using veterans' perspectives to enhance rehabilitation outcome measures: Value of qualitative methods. Guest Editorial *JRRD*. 2007 :vii- ix

PM Sanders, Ijzerman MJ, **Roach MJ**, Gustafson KJ. Patient preferences for next generation neural prostheses to restore bladder function. *Spinal Cord*. 2010 June.



GM Nemunaitis, Mejia M, Nagy JA, Johnson T, Chae J, **Roach MJ**. A descriptive study on vitamin D levels in individuals with spinal cord injury in an acute inpatient rehabilitation setting. *PMR*. 2010 Mar;2(3): 202-8.

LS Gittner, **Roach MJ**, Kikano G, Grey S and Dawson NV. Health Service Research: The Square Peg in Human Subjects Protection Regulations. *J Med Ethics*, 2011. Feb: 37(2):118-22.

**MJ Roach**, Harrington A, Powell H and Nemunaitis G. Cell Phone Ownership and Social Integration in Persons with Spinal Cord Injury. *Arch Phys Med Rehabil*, 2011. Mar; 92(3):472-6.

LA McClure, Boninger ML, Oyster ML, **Roach MJ**, Nagy J, Nemunaitis G. Emergency Evacuation Readiness of Full Time Wheelchair Users with Spinal Cord Injury. *Arch Phys Med Rehabil*, 2011. Mar; 92(3):491-8.

KD Anderson., Acuff ME, Arp BG, Backus D, Chun S et al. United States Multi-Center Study to Assess the Validity and Reliability of the Spinal Cord Independent Measure (SCIM III). *Spinal Cord*, 2011. Mar 9.

G DeJong, Hoffman J, Meade MA, Bombardier C, Deutsch A, Nemunaitis G, **Roach MJ**, Tate DG, Boninger ML, Chen Y, Hsieh J, Jette A, Wierbicky J, Chiodo A and Forcheimer M. Postrehabilitative Health Car for Individuals with SCI: Extending health Care into the Community. *Topics in SCI Rehab*, 2011. Fall 17(2):46-69.

**MJ Roach**. A Review of Domains of Health Disparities and Their Impact on Health Care for Persons with Spinal Cord Injury. *Topics in SCI Rehab*, 2011. Fall 17(2): 17-24.

**MJ Roach**, Nagy JA, Mejia, M, Nemunaitis, G. Preventive Health Care Among Community Dwelling Persons with SCI. *PM&R*. 2013 Jun: 5(6):17-24.

Nemunaitis G, **Roach MJ**, Boulet M, Nagy JA, Kaufman B, Mejia M, Hefzy MS. The Effect of a Liner on the Dispersion of Sacral Interface Pressures during Spinal Immobilization. *Assistive Tech*. 2015; 27(1); 9-17.

Kelley M, **Roach MJ**, Banerjee A, Steinmetz MP, Claridge JA. Functional and long-term outcomes in severe traumatic brain injury following regionalization of a trauma system. *J Trauma Acute Care Surg*. 2016 Sep: 79(3):372-7.

Nemunaitis G, **Roach MJ**, Claridge J, Mejia M. Early Predictors of Functional Outcome following Trauma. *PM&R Journal*. 2016 Apr. 8(4): 314-20.

Velligan D, Roberts DL, Sierra C, Fredreck MM, **Roach MJ**. What Patients with Severe Mental Illness Transitioning from Hospital to Community Have to Say About Care and Shared Decision Making. *Issues in Mental Health Nursing*. 2016. 37(6); 400-405.

#### **Published Abstracts:**

**M.J. Roach**, F. Frost and G. Creasey. The Relationships Between Acquired Bowel Dysfunction and Impediment to Community Integration and Satisfaction with Life For Persons with a Spinal Cord Injury. *Spinal Cord*. 1999.

D.S.P Schubert, N.V. Dawson, **M.J. Roach**, et al. Depressed Mood Is Associated With Increased Mortality: Findings in Cardiovascular Disease, Cancer, Liver, and Pulmonary Disease. *Psychosomatics* 40:2, March-April, 1999; p. 152.

S. Landefeld, A.F. Connors, N.V. Dawson, **M.J. Roach**, et al. A Two-Hospital, Prospective Study of Factors Related to Failure to Perform Autopsy. Presented at the AFCR Meetings on January 3, 1992.

**Roach MJ**, Nagy J, Nemunaitis G. Are Communities and Persons with SCI Prepared to Deal with a Natural Disaster? *J Spinal Cord Med*, Meeting Abstracts, 2010.

Atluri K, Nagy J, Newcomb H, **Roach MJ**, Mejia M, Nemunaitis G, Wilson R. Effects of Backrest Elevation of Transport Stretcher/Gurney on Sacral Interface Pressure. *Topics in Spinal Cord Rehabilitation*, 2011 Meeting Abstracts for the ASIA 37<sup>th</sup> Annual Scientific Meeting, Washington, DC.

Dechter S, **Roach MJ**, Nemunaitis G, Mejia M. Nocturnal Home Turning Schedule for Pressure Relief among Persons with SCI Living in the Community. *Topics in Spinal Cord Rehabilitation*. 2011 Meeting Abstracts for the ASIA 37<sup>th</sup> Annual Scientific Meeting, Washington, DC.

Nagy J, **Roach MJ**, Mejia M, Boninger M, Nemunaitis G. Pushrim Kinetics During Advanced Wheelchair Skills in Manual Wheelchair Users With Spinal Cord Injury. *Topics in Spinal Cord Rehabilitation*. 2011 Meeting Abstracts for the ASIA 37<sup>th</sup> Annual Scientific Meeting, Washington, DC.