

## Curriculum Vitae

### PERSONAL INFORMATION

Anne Deutsch, PhD, RN, CRRN  
Clinical Research Scientist, Center for Rehabilitation Outcomes Research  
Rehabilitation Institute of Chicago  
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### EDUCATION

#### 2003 Doctor of Philosophy

Epidemiology and Community Health  
State University of New York at Buffalo, School of Public Health and Health Professions  
Dissertation: *Outcomes and Reimbursement of Inpatient Rehabilitation Services for Medicare Beneficiaries with Stroke and Hip Fracture.*

#### 1992 Master of Science

Adult Health Nursing -- Rehabilitation Track  
State University of New York at Buffalo, School of Nursing  
Master's Project: *Predicting the Amount of Human Assistance Needed by Persons with Spinal Cord Injury to Complete Activities of Daily Living.*

#### 1986 Bachelor of Science in Nursing

University of Cincinnati, College of Nursing and Health  
Graduated Magna Cum Laude

### POSTDOCTORAL RESEARCH TRAINING

#### 2003-2005 Postdoctoral Research Fellow

Institute for Health Service Research and Policy Studies,  
Northwestern University, Feinberg School of Medicine, Chicago, Illinois

### PROFESSIONAL LICENSE AND CERTIFICATION

**Registered Nurse**, Illinois License: 041377816 & New York License: 405795-1.

**Certified Rehabilitation Registered Nurse**, Association of Rehabilitation Nurses.

### FACULTY APPOINTMENTS

2005–present **Research Assistant Professor**, Department of Physical Medicine and Rehabilitation & Institute for Healthcare Studies,  
Northwestern University, Feinberg School of Medicine, Chicago, Illinois  
1992 – 2002 **Adjunct Instructor**, School of Nursing,  
State University of New York at Buffalo, Buffalo, New York

## HOSPITAL APPOINTMENTS

- 2005-present **Clinical Research Scientist**, Center for Rehabilitation Outcomes Research  
Rehabilitation Institute of Chicago, Chicago, Illinois
- 1991 - 1992 **Staff Nurse**, Mount Sinai Hospital, Toronto, Ontario, Canada.
- 1988 - 1991 **Staff RN**, Buffalo General Hospital, Buffalo, New York.
- 1986 - 1988 **Clinical Nurse I & II**, University of Cincinnati Medical Center, Cincinnati, Ohio.

## ADMINISTRATIVE & OTHER APPOINTMENTS

- 1997 - 2002 **Research Associate**, Uniform Data System for Medical Rehabilitation (UDSMR), A  
Division of U.B. Foundation Activities, Inc.  
State University of New York at Buffalo, Buffalo, New York
- 1995 - 1997 **Graduate Assistant**, Department of Social and Preventive Medicine,  
School of Medicine and Biomedical Sciences,  
State University of New York at Buffalo, Buffalo, New York
- 1991 - 1995 **Director of Education**, Uniform Data System for Medical Rehabilitation (UDSMR),  
School of Medicine and Biomedical Sciences,  
State University of New York at Buffalo, Buffalo, New York
- 1989 - 1991 **Research Consultant**, Center for Functional Assessment Research,  
School of Medicine and Biomedical Sciences,  
State University of New York at Buffalo, Buffalo, New York
- 1988 - 1991 **Teaching/Research Assistant**,  
School of Nursing, State University of New York at Buffalo, Buffalo, New York.

## COMMITTEE SERVICE

- 2005-2007 Advanced Practice Nurse Committee member, Rehabilitation Institute of Chicago
- 2009-present Advisory board member, Rehabilitation Institute of Chicago's Battery of Rehabilitation  
Assessments and Interventions in Neurorehabilitation (BRAIN) project

## AWARDS, HONORS, DISTINCTIONS

- 2009 **Magnusen Management Award**, Rehabilitation Institute of Chicago
- 2009 **Deborah L. Wilkerson Early Career Award**, American Congress of Rehabilitation  
Medicine
- 1999 **Malcolm Maloof Scholarship** to attend the Nurse in Washington Internship
- 1985 Inducted into **Sigma Theta Tau** (International Nursing Honor Society)

## PROFESSIONAL SOCIETY MEMBERSHIPS

- American Congress of Rehabilitation Medicine (ACRM).**
- American Public Health Association (APHA)** – Special Interest Group: Disability Forum.
- AcademyHealth**, formerly the Academy for Health Services Research and Health Policy.
- Association of Rehabilitation Nurses (ARN).** Chapter Education Committee, 1994; Chapter  
Nominating Committee, 1993; Chapter Secretary, 1988-1990.
- Sigma Theta Tau**, International Honor Society of Nursing, Gamma Kappa Chapter. Induction  
Committee for Beta Iota Chapter, 1986-1987.

## PROFESSIONAL AND SCIENTIFIC SERVICE

### Professional Public Service

**Awards Committee**, American Congress of Rehabilitation Medicine, 2010 – present.

**Patient Outcomes Project Steering Committee**, National Quality Forum, 2009-2010.

**Nursing Home Quality Measures Technical Expert Panel**, Centers for Medicare and Medicaid Services and RTI International, October 26-27, 2009.

**Selection panel member** evaluating proposals for the National Quality Forum (part of a contract with the U.S. Department of Health and Human Services) for the “Synthesis of Evidence Related to 20 High Priority Conditions and Environmental Scan of Performance Measures” May 2009.

**Nomination Committee** (elected), American Congress of Rehabilitation Medicine, 2008 - present.

**Illinois Hospital Association (IHA) Transparency Task Force**. The task force makes recommendations on how the Illinois Hospital Association should provide hospital information to the public; August-October 2008.

**Co-Chair, National Voluntary Consensus for Clinician Level Non-Physician Professionals Steering Committee**, National Quality Forum, Washington, DC; January 29-30, 2008.

**CARF International Standards Committee**, CARF, July-August, 2007.

**Program Committee**, American Congress of Rehabilitation Medicine, 2005 – 2009.

**Policy Advisory Committee** (American Congress of Rehabilitation Medicine representative), JOINTS (Joint Replacement Outcomes in IRFS and Nursing Treatment) study (G. DeJong, PhD – Principal Investigator), Sept. 2005 – 2008.

**Developing Quality Indicators for Inpatient Rehabilitation Facilities Technical Expert Panel** Centers for Medicare and Medicaid Services and RTI International, 2003- 2005.

**Institute of Medicine: “75 Percent Rule” Expert Panel**, Government Accountability Office, July 2004.

**Minimum Data Set 3.0, Technical Expert Panel**, Centers for Medicare and Medicaid Services and RAND Corporation, 2003.

**National Health Policy Committee**, 1998 – 2002 and Chair of the **National Health Policy Committee**, 2000 – 2002, Association of Rehabilitation Nurses,

**Steering Committee for Improving the Continuum of Care for Patients with Hip Fracture Initiative**, American Academy of Orthopedic Surgeons, 2000 – 2002.

### Journal Manuscript Reviews

Rehabilitation Nursing Journal, invited reviewer, 2006-present

Journal of Neurology, Neurosurgery & Psychiatry, invited reviewer, 2009

Canadian Medical Association Journal, invited reviewer, 2009

Neurorehabilitation and Neural Repair, invited reviewer, 2009

Archives of Physical Medicine and Rehabilitation, invited reviewer, 2006-present

American Journal of Physical Medicine and Rehabilitation, invited reviewer, 2000-present

BMC Geriatrics, invited reviewer, 2006

General Hospital Psychiatry, invited reviewer, 2006

Journal of Rehabilitation Research and Development, invited reviewer, 2007-2009

Journal of Medical Decision Making, invited reviewer, 2008

Topics in Stroke Rehabilitation, invited reviewer, 2010

Osteoporosis International, invited reviewer, 2010

**PROFESSIONAL AND SCIENTIFIC SERVICE (cont'd)**

**Journal Editorial Board**

Editorial board, Rehabilitation Nursing Journal, 2009 – present.

**TEACHING AND MENTORSHIP**

**Mentorship**

**Faculty:**

James E. Graham, PhD, D.C.; University of Texas Medical Branch 2007-present  
Inpatient Rehabilitation Volume-Outcomes Relationship, Switzer Merit Fellowship (2009)

**Medical Residents:**

Katherine White, MD 2008-present

The Prevalence of Morbid Obesity in Acute Inpatient Rehabilitation: A Review of the Medicare Database.

Baskin Resident Research Award - 3<sup>rd</sup> place, Rehabilitation Institute of Chicago, 2009

Sarah Meadows, MD (process mentor) 2008-present

Bethany Stelnicki, MD (process mentor) 2008-present

Daniel Roth, MD (process mentor) 2008-2009

Shanti Ganesh, MD 2007-present

Association of Pain and Functional Recovery for Aged Medicare Patients with Hip Fracture.

Ai Mukai, MD 2007-2008

Differences in Demographic Characteristics of Patients Treated in the Model Spinal Cord Injury System Facilities and Medicare Fee-for-Service Beneficiaries Treated in Inpatient Rehabilitation Facilities.

Baskin Resident Research Award - 2<sup>nd</sup> place, Rehabilitation Institute of Chicago, (2008)

**Postdoctoral Fellows:**

Christina Papadimitriou, PhD 2007-2009

Use of Cognitive Interviews to Understand Consumers' Understanding of Quality Information

Susan Magasi, PhD 2006-2007

Consumers' Use and Understanding of Quality Information: A Health Literacy Perspective.

**GRANTS AND CONTRACTS - Active**

National Institute on Disability and Rehabilitation Research, U.S. Department of Education  
**Rehabilitation Research and Training Center on Improving Measurement of Rehabilitation Outcomes** (H133B090024; PI: Heinemann, 10/01/2009-09/30/2014)  
Role: Research project 4 principal investigator

Centers for Medicare and Medicaid Services, Centers for Medicare Management, Division of Institutional Post-Acute Care (HHSM-500-2009-0002G; PI: Gage, 08/01/2009 – 10/31/2010)  
**Analysis of the Classification Criteria for Inpatient Rehabilitation Facilities**  
Role: Subcontract principal investigator

National Institute on Disability and Rehabilitation Research, U.S. Department of Education (H133G080163; PI: Ottenbacher; 10/01/2008 – 09/30/11)  
**Prospective Payment and Inpatient Rehabilitation**  
Role: Subcontract principal investigator

National Institute on Disability and Rehabilitation Research, U.S. Department of Education (H133A080045; PI: Zollman/Roth; 10/01/2008 – 09/30/12)  
**Midwest Regional Traumatic Brain Injury Model System: Innovative Approaches to Improve Cognition, Function and Community Living**  
Role: Data core support

Centers for Medicare and Medicaid Services, Office of Research, Development and Information (CMS-07-033; PI: Drozd; 02/01/2007 – 07/31/12)  
**Developing Outpatient Therapy Alternatives**  
Role: Co-investigator; subcontractor principal investigator

Centers for Medicare and Medicaid Services, Office of Research, Development and Information (ORDI). (CMS-07-001; PI: Gage; 02/16/2007 - 03/31/2011)  
**Post Acute Care Reform Demonstration**  
Role: Co-investigator; subcontract principal investigator

Rehabilitation Nursing Foundation.  
**RNF Fellow Research Grant Award: The Early Impact of the “75 Percent” Rule** (PI: Deutsch; 1/30/2006 – 04/30/2010)  
Role: Principal investigator

Centers for Medicare and Medicaid Services, Office of Clinical Standards and Quality (OCSQ)  
**Post Acute Care: Patient Assessment Instrument Development** (CMS-06-027; PI: Gage; 11/06/2006 – 03/31/2011)  
Role: Subcontractor principal investigator

National Institute on Disability and Rehabilitation Research, U.S. Department of Education  
**Midwest Regional Spinal Cord Injury Care System** (H133N060014; PI: Chen; 11/01/2006 – 10/31/2011)  
Role: Senior manager of database & research project 2: principal investigator

## **GRANTS & CONTRACTS – Active (cont'd)**

National Institute on Disability and Rehabilitation Research, U.S. Department of Education  
(H133B040032; PI: Heinemann; 11/01/2005-11/30/2010)

### **Rehabilitation Research and Training Center on Measuring Rehabilitation Outcomes and Effectiveness**

Role: co-investigator – Research project 4 principal investigator

## **GRANTS & CONTRACTS - Previously Funded Research Grants**

National Institute on Disability and Rehabilitation Research, U.S. Department of Education  
(H133A030807; PI: Heinemann; 11/01/2005 - 06/30/2009)

### **Disability Rehabilitation Research Program on Prospective Payment**

Role: co-investigator

Paralyzed Veterans of America; PVA Research Foundation Grant (PI: Kay; 02/03/2008- 01/31/2009)

### **Motor Outcomes in Older Adults with Non-Traumatic Spinal Cord Injury**

Role: significant contributor

National Institute on Disability and Rehabilitation Research, U.S. Department of Education  
(H133F040032; PI: Deutsch; 11/01/2004-10/31/2005)

### **Switzer Fellowship - Early Impact of the Inpatient Rehabilitation Facility Prospective Payment System, \$45,000**

Role: Principal investigator

Health Care Financing Administration Dissertation Grant (30-P-30247; PI: Deutsch; 01/06/00-05/01/03)

### **Outcomes and Reimbursement of Inpatient Rehabilitation Services for Medicare Beneficiaries with Stroke and Hip Fracture, \$32,400**

Role: Principal investigator

## **SCHOLARLY PRODUCTIVITY**

### **Original Peer-Reviewed Research Articles**

Granger CV, **Deutsch A**, Linn R. Rasch analysis of the FIM mastery test. *Archives of Physical Medicine and Rehabilitation* 1998;79:52-57.

Hamilton BB, **Deutsch A**, Russell C, Fiedler RC, Granger CV. Relation of disability costs to function: spinal cord injury. *Archives of Physical Medicine and Rehabilitation* 1999;80:385-391.

Muti P, **Deutsch A**, Freudenheim JL, Bollelli GF, Hill L, Trevisan M. Why and how to measure urinary sex metabolites in epidemiologic studies in women. *Nutrition Metabolism and Cardiovascular Diseases*, 2000;10:85-91.

**Deutsch A**, Fiedler RC, Granger CV, Russell CF. The Uniform Data System for Medical Rehabilitation Report of Patients Discharged from Comprehensive Medical Rehabilitation Programs in 1999. *American Journal of Physical Medicine and Rehabilitation* 2002;81:133-142.

**SCHOLARLY PRODUCTIVITY (cont'd)****Original Peer-Reviewed Research Articles (cont'd)**

**Deutsch A**, Fiedler RC, Iwanenko W, Granger CV, Russell CF. The Uniform Data System for Medical Rehabilitation Report of Patients Discharged from Subacute Rehabilitation Programs in 1999. *American Journal of Physical Medicine and Rehabilitation* 2003;82:703-711.

**Deutsch A**, Granger CV, Fiedler RC, DeJong G, Kane RL, Ottenbacher KJ, Heinemann AW, Naughton JP, Trevisan M. Outcomes and reimbursement of inpatient rehabilitation facilities and subacute rehabilitation programs for Medicare beneficiaries with hip fracture. *Medical Care* 2005;43, 892-901.

**Deutsch A**, Granger CV, Heinemann AW, Fiedler RC, DeJong G, Kane RL, Ottenbacher KJ, Naughton JP, Trevisan M. Post-stroke rehabilitation: Outcomes and reimbursement of inpatient rehabilitation facilities and subacute rehabilitation programs. *Stroke* 2006; 37;1477-1482.

Granger CV, **Deutsch A**, Russell C, Black T, Ottenbacher KJ. Modifications to the FIM™ instrument under the inpatient rehabilitation prospective payment system. *American Journal of Physical Medicine and Rehabilitation* 2007;86:883-892.

Ottenbacher KJ, Kuo Y, Ostir GV, Campbell J, **Deutsch A**, Granger CV. Racial and Ethnic Differences in Post-acute Rehabilitation Outcomes following Stroke in the U.S. *Stroke* 2008;39:1514-1519.

**Deutsch A**, Granger CV, Russell C, Heinemann AW, Ottenbacher KJ. Apparent Changes in IRF Outcomes Due to a Change in the Definition of Program Interruption. *Archives of Physical Medicine and Rehabilitation, Archives of Physical Medicine and Rehabilitation* 2008;89:2274-2277.

Magasi S, Durkin E, Wolf M, **Deutsch A**. Consumers' Use and Understanding of Quality Information: A Health Literacy Perspective. *Archives of Physical Medicine and Rehabilitation* 2009;90:206-212.

Graham, JE, Ripsin CM, **Deutsch A**, Kuo YF, Markello S, Granger CV, Ottenbacher KJ. Relationship between diabetes codes that affect Medicare reimbursement (tier comorbidities) and outcomes in stroke rehabilitation. *Archives of Physical Medicine and Rehabilitation* 2009;90:1110-6.

Durkin E, Heinemann AW, **Deutsch A**. Inpatient Rehabilitation Facilities: Variation in Organizational Practice in Response to Prospective Payment. *Medical Care Research and Review*, in press.

Granger CV, Graham JE, Markello S, **Deutsch A**, Ottenbacher KJ. The Uniform Data System for Medical Rehabilitation Report of Patients with Stroke Discharged from Comprehensive Medical Rehabilitation Programs in 2000 through 2007. *American Journal of Physical Medicine and Rehabilitation*, 2009; 88: 961-972.

Dobrez D, Heinemann AW, **Deutsch A**, Manheim L. Impact of Mental Disorders on Cost and Reimbursement for Patients in Inpatient Rehabilitation Facilities. *Archives of Physical Medicine and Rehabilitation*, in press.

Dobrez D, Heinemann AW, **Deutsch A**, Manheim L, Mallinson TM. Impact of Medicare's Prospective Payment System for Inpatient Rehabilitation Facilities on Stroke Patient Outcomes. *American Journal of Physical Medicine and Rehabilitation*, in press.

**SCHOLARLY PRODUCTIVITY (cont'd)****Original Peer-Reviewed Research Articles (cont'd)**

Reistetter TA, Graham JE, Granger CV, **Deutsch A**, Ottenbacher KJ. Optimal discharge FIM™ Instrument rating for identifying patients returning home after in-patient medical rehabilitation following stroke. *Archives of Physical Medicine and Rehabilitation*, in press.

Granger CV, Markello SJ, Graham JE, **Deutsch A**, Reistetter TA, Ottenbacher KJ. The Uniform Data System for Medical Rehabilitation Report of Patients with Traumatic Brain Injury Discharged from Rehabilitation Programs in 2000 – 2007. *American Journal of Physical Medicine and Rehabilitation*, in press.

Kay E, **Deutsch A**, Chen D, Manheim L, Rowles D. Effects of Etiology on Inpatient Rehabilitation Outcomes in 65-74 Year Olds with Incomplete Paraplegia from Non-traumatic Spinal Cord Injuries. *Physical Medicine and Rehabilitation*, in preparation.

**Editorials, Reviews, Chapters, Books, Commentaries**

**Griffiths A**. Focus charting in rehabilitation nursing. *Rehabilitation Nursing Journal*. 1989;14:142-148.

**Deutsch A**, Braun S, Granger CV. The Functional Independence Measure. *Journal of Rehabilitation Outcomes Measurement* 1996;1(2):67-71.

**Deutsch A**, Braun S, Granger C. The Functional Independence Measure and the Functional Independence Measure for Children: ten years of development. *Critical Reviews of Physical Medicine and Rehabilitation* 1996;8(4):267-281.

Granger CV, Kelly-Hayes M, Johnson M, **Deutsch A**, Braun S, Fiedler RC, Quality and outcome measures for medical rehabilitation. In: Braddom RL, editor. *Physical Medicine and Rehabilitation*. 5th ed., Philadelphia: W. B. Saunders, 1996:239-253.

Granger CV, **Deutsch A**, Linn R. Overview of the Uniform Data System for Medical Rehabilitation (UDSMR<sup>SM</sup>) *Journal de Readaptation Medicale* 1998;18:109-110.

Smith RM, Heinemann AW, Granger CV, Ottenbacher K, **Deutsch A**. Monitoring quality of rehabilitation care through structure, process and outcomes. In: N Goldfield and DB Nash. *Managing Quality of Care in a Cost-Focused Environment*, 2000: 211-221.

**Deutsch A**. Economics and health policy in rehabilitation. In: Rehabilitation Nurses' Foundation, ed. *The Specialty Practice of Rehabilitation Nursing: A Core Curriculum*, 4th edition. 2000.

Granger CV, Kelly-Hayes M, Johnson M, **Deutsch A**, Braun S, Fiedler RC, Quality and outcome measures for medical rehabilitation. In: Braddom RL, editor. *Physical Medicine and Rehabilitation*. 6th ed., Philadelphia: W. B. Saunders, 2001: 151-164.

**Deutsch A**. Inpatient Rehabilitation Facility Prospective Payment System Began January 1, 2002. *Rehabilitation Nursing Journal* 2002;27(1):4,7.

**SCHOLARLY PRODUCTIVITY (cont'd)****Editorials, Reviews, Chapters, Books, Commentaries (cont'd)**

**Deutsch A**, Dean-Baar S. Summary of the GAO Report: Medicare – More Specific Criteria Needed to Classify Inpatient Rehabilitation Facilities. *Rehabilitation Nursing* 2005;30:219-222.

Gage B, Stineman M, **Deutsch A**, Mallinson T, Heinemann A, Bernard S, Constantine R. Perspectives on the State-of-the-Science in Rehabilitation Medicine and Its Implications for Medicare Postacute Care Policies. *Archives of Physical Medicine and Rehabilitation* 2007;88:1737-9.

Ehrlich-Jones L, O'Dwyer L, Stevens K, **Deutsch A**. Searching the Literature for Evidence. *Rehabilitation Nursing Journal* 2008;33:163-169.

**Deutsch A**, Dean-Baar S. Economics and health policy in rehabilitation. In: Mauk KL, editor. *The Specialty Practice of Rehabilitation Nursing: A Core Curriculum, 5th edition*. Rehabilitation Nurses' Foundation, 2007.

**Deutsch A**, Farrell J. Health Policy, Legislation and Financing. In: Mauk KL, editor. *Rehabilitation Nursing*. Jones and Bartlett, in development; Spring 2011.

**Abstracts**

**Deutsch A**, Granger CV, Heinemann AW, Russell C. Early Impact of the Inpatient Rehabilitation Prospective Payment System. Poster presentation at the American Congress of Rehabilitation Medicine and American Society of Neurorehabilitation Joint Conference: Achieving Evidence-Based Rehabilitation, Chicago, IL, September 28 – October 1, 2005. *Archives of Physical Medicine and Rehabilitation* 2005;86:E26.

**Deutsch A**, Granger CV, Russell C, Black T, Ottenbacher KJ. Modifications to the FIMTM Instrument and Implications Under the Inpatient Rehabilitation Prospective Payment System Using Stroke as an Example. Poster presentation at the American Congress of Rehabilitation Medicine and American Society of Neurorehabilitation Joint Conference: Translating Research into Practice, Boston, MA, September 27 – October 1, 2006. *Archives of Physical Medicine and Rehabilitation* 2006;87:E25.

**Deutsch A**, Durkin E, Wolf M. Consumers' Understanding of Rehabilitation Quality Indicators. Poster presentation at the American Congress of Rehabilitation Medicine and American Society of Neurorehabilitation Joint Conference: Rehabilitation Research without Borders, Washington, DC, October 3-7, 2007. *Archives of Physical Medicine and Rehabilitation* 2007;88:E2.

Mukai A, **Deutsch A**, Chen D. Differences in Demographic Characteristics of patients Treated in the Model Spinal Cord Injury System (MSCIS) Facilities and Medicare Fee-For-Service Beneficiaries Treated in Inpatient Rehabilitation Facilities. Scientific paper presented at the Annual Meeting of the Association of Academic Physiatrists, Anaheim, CA. February 19-23, 2008. *American Journal of Physical Medicine and Rehabilitation* 2008; 87(3):S5.

**SCHOLARLY PRODUCTIVITY (cont'd)****Abstracts (cont'd)**

**Deutsch A**, Worsowicz GM, Manheim LM, Heinemann AW. Money Matters: Inpatient Rehabilitation Financial Data. Poster presentation at the American Congress of Rehabilitation Medicine and American Society of Neurorehabilitation Joint Conference: Rehabilitation Research: Interdisciplinary, International, interactive. Toronto, Ontario, Canada; October 15-17, 2008. *Archives of Physical Medicine and Rehabilitation* 2008;89(10):E26-27.

Worsowicz GM, **Deutsch A**, Heinemann AW. Integrating Financial Data into Inpatient Rehabilitation Health Services Research. Poster presentation at the American Congress of Rehabilitation Medicine and American Society of Neurorehabilitation Joint Conference: Rehabilitation Research: Interdisciplinary, International, interactive. Toronto, Ontario, Canada; October 15-17, 2008. *Archives of Physical Medicine and Rehabilitation* 2008;89(10):E27.

Graham JE, **Deutsch A**, Ripsin CM, Kuo Y, Markello S, Granger CV, Ottenbacher KJ. Diabetes and Post-Acute Stroke Rehabilitation: The Association Between Tier Status and Outcomes. Poster presentation at the American Congress of Rehabilitation Medicine and American Society of Neurorehabilitation Joint Conference: Rehabilitation Research: Interdisciplinary, International, interactive. Toronto, Ontario, Canada; October 15-17, 2008. *Archives of Physical Medicine and Rehabilitation* 2008;89(10):E40.

Mukai A, Chen D, **Deutsch A**. Differences in Demographic Characteristics of Patients Treated in the Model Spinal Cord Injury System Facilities and Medicare Fee-for-Service Beneficiaries Treated in Inpatient Rehabilitation Facilities. Presentation at the American Academy of Physical Medicine and Rehabilitation Annual Assembly. San Diego, CA; November 23, 2008. *Archives of Physical Medicine and Rehabilitation* 2008;89(11):E126-127.

Ganesh SP, **Deutsch A**. Association of Pain and Functional Recovery for Aged Medicare Patients with Hip Fracture. Poster presentation at the American Academy of Physical Medicine and Rehabilitation Annual Assembly. San Diego, CA; November 23, 2008. *Archives of Physical Medicine and Rehabilitation* 2008;89(11):E11.

Ganesh SP, **Deutsch A**. Pain and Functional Recovery in Elderly Medicare Patients with Hip Fracture. Presentation at the Association of Academic Physiatrists. Colorado Springs, CO; February 26, 2009. *American Journal of Physical Medicine and Rehabilitation* 2009;88(3) supplement 1:S13.

White KC, **Deutsch A.**, Chen D The Prevalence of Morbid Obesity in Acute Inpatient Rehabilitation: A Review of the Medicare Database. Poster presentation at the Association of Academic Physiatrists. Colorado Springs, CO; February 27, 2009. *American Journal of Physical Medicine and Rehabilitation* 2009;88(3) supplement 1:S48.

Ganesh SP, **Deutsch A**. Pain and Functional Recovery in Elderly Medicare Patients with a Hip Fracture Treated in Inpatient Rehabilitation Facilities. Poster presentation at the American Geriatrics Society. Chicago, IL; February 26, 2009. *Journal of the American Geriatrics Society* 2009;57(S1):S205.

**SCHOLARLY PRODUCTIVITY (cont'd)****Invited Lectures and Presentations**

Taylor C, **Deutsch A**, DeMark H, Heinemann AW, Magasi S, Papadimitriou C. Public Reporting of Quality Information by Rehabilitation Hospitals. Poster presentation at the 2009 ACRM-ASNR Educational Conference: Building the Evidence Base for Rehabilitation Interventions. October 8, 2009; Denver, CO. *Archives of Physical Medicine and Rehabilitation* 2009;90:E40-E41.

DeMark HM, **Deutsch A**, Heinemann AW, Chen D. Gender Differences in Rehabilitation Outcomes Among Older Patients with a Traumatic Spinal Cord Injury. Poster presentation at the 2009 ACRM-ASNR Educational Conference: Building the Evidence Base for Rehabilitation Interventions. October 8, 2009; Denver, CO. *Archives of Physical Medicine and Rehabilitation* 2009;90:E26.

Ganesh SP, **Deutsch A**, Chen D, Heinemann AW. Spinal cord Injury in Elderly Medicare Patients. Poster presentation at the American Academy of Physical Medicine and Rehabilitation Annual Assembly. San Diego, CA; November 23, 2008. *Physical Medicine and Rehabilitation* 2009;1(9S):E149.

**Invited Lectures and Presentations**

**Deutsch A**, Glatz J. *Overview of the Skilled Nursing Facility Prospective Payment System*. Presentation to the Presbyterian Homes of Western New York's Board of Directors, Amherst, NY; January 27, 1999.

**Deutsch A**, Granger CV. *Outcome Classification Measures for the Restorative Patient*. Presented at the Ontario Hospital Association's meeting: Understanding Classification and Assessment Tools for Rehabilitation, Toronto, Ontario, Canada; January 28, 1999.

**Deutsch A**. *MDS-PAC Update*. Presented at the Uniform Data System for Medical Rehabilitation Annual Conference: Interpreting and Understanding Medical Rehabilitation Outcomes and Cost-Effectiveness Data, Buffalo, NY; July 17, 1999.

**Deutsch A**. *Performance Measurement Using the MDS-PAC Instrument*. Presented at the California Rehabilitation Association's 1999 Annual Meeting and Tradeshow: Into the Millennium. Long Beach, CA; September 23, 1999.

**Deutsch A**. *Update on the Inpatient Rehabilitation Facility Prospective Payment System (IRF-PPS)*. Presented at the Association of Rehabilitation Nurses Western New York Region's Meeting, Getzville, NY; September 12, 2000.

**Deutsch A**, Black T. *Update on the Inpatient Rehabilitation Facility Prospective Payment System (IRF-PPS)*. Presented for the Association of Rehabilitation Nurses' Teleconference; March 20, 2001.

**Deutsch A**. National Consensus Conference on Improving the Continuum of Care for Patients with Hip Fracture. Member of the Conference Steering Committee, and served as facilitator; May 3 & 4, 2001.

**Deutsch A**, Black T. *Update on the Inpatient Rehabilitation Facility Prospective Payment System (IRF-PPS)*. Presented at the Association of Rehabilitation Nurses Western New York Region's Meeting, Batavia, NY; May 21, 2001.

**SCHOLARLY PRODUCTIVITY (cont'd)****Invited Lectures and Presentations**

**Deutsch A**, Santora J, Linn RT. *Implementation of the IRF-PAI: Medical Information and Case Mix Groups*. Presented to the Fiscal Intermediaries as part of the Centers for Medicare and Medicaid Services (CMS) Inpatient Rehabilitation Facility Patient Assessment Instrument Train-the-Trainer Program. Annapolis, MD; September 25, 2001.

**Deutsch A**. *Update on the Inpatient Rehabilitation Facility Prospective Payment System (IRF-PPS)*. Presented at the Association of Rehabilitation Nurse's 27th Annual Educational Conference, Philadelphia, PA; October 13, 2001.

**Deutsch A**, Diaz P, Linn RT. *Medical Information and Case Mix Groups*. Presented as part of the Centers for Medicare and Medicaid Services (CMS) Inpatient Rehabilitation Facility Patient Assessment Instrument training program. Presented in: Baltimore, MD on October 5, 2001; Chicago, IL on October 23, 2001; San Francisco, CA on October 30, 2001; and Atlanta, GA on November 6, 2001.

**Deutsch A**, Mallinson T. *Use of Post Acute Care for Patients with Stroke*. Presented at the California Rehabilitation Association winter meeting in San Diego, CA on January 21, 2004.

**Deutsch A**, Heinemann AW. *Medicare's Prospective Payment System for Inpatient Rehabilitation: Perils and Opportunities*. Presented at the Institute of Health Services Research and Policy Studies in Chicago, IL on January 28, 2004.

**Deutsch A**. *Early Impact of the Inpatient Rehabilitation Facility Prospective Payment System*. Presented at the Uniform Data System for Medical Rehabilitation's Buffalo Conference in Amherst, NY on July 30, 2004.

**Deutsch A**, Mallinson T. *Use of Post Acute Care for Patients with Stroke*. Presented at the Institute of Health Services Research and Policy Studies in Chicago, IL on September 16, 2004.

**Deutsch A**, Granger CV, Russell C, Black T. *The FIM Instrument and the IRF-PAI*. The Buffalo Conference, Amherst, NY, August 5, 2005.

**Deutsch A**, Heinemann AW. *Funding Sources and Application Requirements*. Planning, Conducting and Funding Rehabilitation Research, Rehabilitation Institute of Chicago Academy, Chicago, IL, Sept 28, 2005.

Heinemann AW, Mallinson T, **Deutsch A**, Manheim L, Dobrez DG, Durkin E. *Issues in Prospective Payment System Implementation*. Course presentation at the American Congress of Rehabilitation Medicine and American Society of Neurorehabilitation Joint Conference: Achieving Evidence-Based Rehabilitation, Chicago, IL, September 28, 2005.

Black T, **Deutsch A**. *Inpatient Rehabilitation Facility Policy Update*. Association of Rehabilitation Nurses Annual Meeting, Palm Springs, CA October 8, 2005.

**Deutsch A**. *Outcomes and Reimbursement of Inpatient Rehabilitation Facilities and Subacute Rehabilitation Programs*. Presentation to the Rehabilitation Institute of Chicago's Board of Director's Research and Education Committee, Chicago, IL; April 13, 2006.

**SCHOLARLY PRODUCTIVITY (cont'd)****Invited Lectures and Presentations**

**Deutsch A**, Bode R, Heinemann AW. *Equating Two Versions of the FIM™ Instrument*. Presentation at the Midwest Objective Measurement Seminar, University of Chicago at Illinois, Chicago, IL; April 28th, 2006.

**Deutsch A**. *A Patient Assessment Instrument for Post-Acute Care: Opportunities and Challenges*. Presentation at the 9th Annual Rehabilitation Symposium: Best Practices in Rehabilitation, Kaiser Foundation Rehabilitation Center/Kaiser Permanente, Oakland, CA; September 19th, 2006.

**Deutsch A**, Heinemann AW. *Rehabilitation Health Policy: Past, Present & Future*. Keynote speaker at the 9th Annual Rehabilitation Symposium: Best Practices in Rehabilitation, Kaiser Foundation Rehabilitation Center/Kaiser Permanente, Oakland, CA; September 19th, 2006.

Heinemann AW, Mallinson T, **Deutsch A**, Dobrez D, Durkin E, Gage B, Manheim L. *Medicare Inpatient Rehabilitation Facility Regulations: Quality Indicators, Access, Outcomes and Facility Responses* Course presentation at the American Congress of Rehabilitation Medicine and American Society of Neurorehabilitation Joint Conference: Translating Research into Practice, Boston, MA, September 30, 2006.

**Deutsch A**, Durkin E, Wolf MS, Magasi S, DeMark H. Are Post Acute Rehabilitation Quality Indicators Presented in a Manner that Informs Consumer Choice? (with Elizabeth A presentation at the State of the Science Symposium on Post-Acute Rehabilitation, Arlington, VA; February 12, 2007.

**Deutsch A**, Bushnik T, Worsowicz GM, MacDonell C, Kiekens C. *Medicare Post-Acute Care Reform: A Uniform Patient Assessment Instrument and a Payment Demonstration*. A presentation at the American Congress of Rehabilitation Medicine and American Society of Neurorehabilitation Joint Conference: Rehabilitation Research without Borders, Washington, DC, October 5, 2007.

Gage B, **Deutsch A**, Mallinson T, Ehrlich-Jones L. *Update on the Post-Acute Care Demonstration*. A presentation at the Association of Rehabilitation Nurses Annual Meeting, Washington, DC, October 6, 2007.

**Deutsch A**, Heinemann AW. *Rehabilitation Care: Medicare Reform and Research*. A presentation at the NeuroRehabilitation 2007: Tomorrow's Hopes, Today's Practice – A Focus on Stroke and Brain Injury Rehabilitation; West Orange, NJ; November 16, 2007.

**Deutsch A**, Durkin E, Magasi S, Wolf M, Jones R, Papademitriou C, DeMark H, Taylor C, Heinemann AW. *Health Literacy and Public Reporting of Quality Measures for Medical Rehabilitation Programs* (workshop), CARF Medical Rehabilitation Conference: ASPIRING to Excellence Opportunities & Challenges; Tucson, AZ, February 17-18, 2008.

Ottenbacher KJ, Granger CV, Markello S, **Deutsch A**, Graham JE, Stineman M. Impact of Prospective Payment on Rehabilitation Outcomes. Presentation at the Uniform Data System for Medical Rehabilitation's Buffalo Conference, Niagara Falls, NY, August 13, 2008.

**SCHOLARLY PRODUCTIVITY (cont'd)****Invited Lectures and Presentations**

**Deutsch A**, MacDonell CM, O'Connell B, Papadimitriou C, Magasi S, Heinemann AW. Public Reporting of Quality Information by Inpatient Rehabilitation Hospitals and Units. Presentation at the American Congress of Rehabilitation Medicine and American Society of Neurorehabilitation Joint Conference: Rehabilitation Research: Interdisciplinary, International, interactive. Toronto, Ontario, Canada; October 17, 2008.

**Deutsch A**, Almagor O, Heinemann AW, Mallinson T, Manheim, L. Medicare Fee-For-Service Patients Discharged from Inpatient Rehabilitation Hospitals and Units: 2002 to 2005. Presentation at the American Congress of Rehabilitation Medicine and American Society of Neurorehabilitation Joint Conference: Rehabilitation Research: Interdisciplinary, International, interactive. Toronto, Ontario, Canada; October 17, 2008.

Worsowicz GM, **Deutsch A**, Almagor O, Heinemann AW. Financial Considerations for Inpatient Rehabilitation. Presentation at the American Congress of Rehabilitation Medicine and American Society of Neurorehabilitation Joint Conference: Rehabilitation Research: Interdisciplinary, International, interactive. Toronto, Ontario, Canada; October 17, 2008.

Heinemann AW, **Deutsch A**, Semik P. Inpatient Rehabilitation Facilities' Compliance with the "75 Percent" Rule. Presentation at the American Congress of Rehabilitation Medicine and American Society of Neurorehabilitation Joint Conference: Rehabilitation Research: Interdisciplinary, International, interactive. Toronto, Ontario, Canada; October 17, 2008.

**Deutsch A**. Access to and Outcomes of Post-Stroke Rehabilitation Care: Policymaker, Provider and Patient Perspectives. Presented at the International Stroke Conference: Nursing Symposium. San Diego, CA; February 17, 2009.

**Deutsch A**, Mallinson T. Update on the Post-acute Care Payment Reform Demonstration and the Outpatient Payment Alternatives Project. Presented at the Annual Nancy B. Holt Management Course: Regulatory Compliance And Reimbursement of Rehabilitation Services. Chicago, IL; March 4, 2009.

**Deutsch A**. Public Reporting of Quality Information by Rehabilitation Hospitals. CARF Medical Rehabilitation Conference. Tucson, AZ; April 19, 2009.

Mallinson T, Bateman J, Tseng H, **Deutsch A**, Manheim L, Heinemann AW. Intensity and Duration of Therapy Services in Post-Acute Care: Relationship to Outcomes. Paper presented at the AcademyHealth Disability Research Interest Group, Chicago, IL; June 30, 2009.

DeJong G, **Deutsch A**, Thomas P, Heinemann AW. National Health Care Reform: Implications for Post-Acute Policy and Rehabilitation Research. Presentation at the 2009 ACRM-ASNR Educational Conference: Building the Evidence Base for Rehabilitation Interventions. Denver, CO; October 8, 2009.

## **SCHOLARLY PRODUCTIVITY (cont'd)**

### **Invited Lectures and Presentations**

**Deutsch A**, Roth EJ, Ottenbacher KJ, Graham J. Trends in the Characteristics and Outcomes of Patients with Stroke Treated in Inpatient Rehabilitation Hospitals and Units. Presentation at the 2009 ACRM-ASNR Educational Conference: Building the Evidence Base for Rehabilitation Interventions. Denver, CO; October 8, 2009.

DeJong G, **Deutsch A**, Gage B, Jette A. Medicare Post-Acute Care Reform: Implications for Rehabilitation Research Practice and Research. Presentation at the 2009 ACRM-ASNR Educational Conference: Building the Evidence Base for Rehabilitation Interventions. Denver, CO; October 9, 2009.

**Deutsch A**. Rehabilitation Health Care Quality: Provider, Patient and Provider Perspectives. Deborah L. Wilkerson Award presentation at the 2009 ACRM-ASNR Educational Conference: Building the Evidence Base for Rehabilitation Interventions. Denver, CO; October 9, 2009.

**Deutsch A**, Suerth EJ. Health Literacy and Developing Easy-to-Read Materials. Presentation at the Association of Rehabilitation Nurses 35th Annual Education Conference. Albuquerque, NM; October 23, 2009.

**Deutsch A**, Gage B. An Update on Medicare's Post-Acute Care Payment Reform Demonstration. Presentation at the Association of Rehabilitation Nurses 35th Annual Education Conference. Albuquerque, NM; October 23, 2009.