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ANNE DEUTSCH, PhD, RN, **CRRN**, FACRM

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EDUCATION

1986 Bachelor of Science in Nursing
University of Cincinnati, College of Nursing and Health
Graduated Magna cum Laude

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.*

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.*

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

Certified Rehabilitation Registered Nurse, Association of Rehabilitation Nurses.

ACADEMIC APPOINTMENTS

2015–present **Research Associate Professor**
2005–2015 **Research Assistant Professor**
Department of Physical Medicine and Rehabilitation
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

Commented [AD1]: To help you navigate my CV, I have highlighted key activities/items:

Requirements

Awards

ARN activities, community/international engagement and education, publications

HOSPITAL CLINICAL APPOINTMENTS

- 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.

RESEARCH, ADMINISTRATIVE & OTHER APPOINTMENTS

- 2011–present **Senior Research Public Health Analyst**, RTI (Research Triangle Institute) International, Chicago, Illinois
2005–present **Clinical Research Scientist**, Center for Rehabilitation Outcomes Research Shirley Ryan AbilityLab (formerly, Rehabilitation Institute of Chicago), Chicago, Illinois
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.

AWARDS, HONORS, DISTINCTIONS

Nursing and Rehabilitation Association Awards/Honors:

- 1985 Inducted into **Sigma Theta Tau** (International Nursing Honor Society)
1999 **Malcolm Maloof Scholarship** to attend the Nurse in Washington Internship, Association of Rehabilitation Nurses
2009 **Deborah L. Wilkerson Early Career Award**, American Congress of Rehabilitation Medicine
2011 **President's Award**, Association of Rehabilitation Nurses
2012 **Distinguished Service Award**, Association of Rehabilitation Nurses
2015 **Best Poster (co-author)**, Association of Rehabilitation Nurses Annual Meeting
2015 **Fellow of the American Congress of Rehabilitation Medicine** (FACRM)
2018 **Doctorate-Prepared Researcher Role Award**, Association of Rehabilitation Nurses

University Alumni Award

- 2015 **Alumni Legacy Award for Outstanding Career Achievement**, University of Cincinnati, College of Nursing

Rehabilitation Institute of Chicago/Shirley Ryan AbilityLab Awards

- 2009 **Magnuson Management Award**, Rehabilitation Institute of Chicago
2011 **Henry B. Betts Innovation Award**, Rehabilitation Institute of Chicago

RTI International Awards

- 2012 **RTI Team Award**, RTI International
- 2014 **Career Author Award**, RTI International
- 2014 **Highly-Published Author**, RTI International
- 2015 **Highly-Published Author**, RTI International
- 2016 **Highly-Published Author**, RTI International
- 2016 **Highly-Cited Author**, RTI International
- 2017 **President's Award**, RTI International
- 2017 **Highly-Published Author**, RTI International
- 2017 **Highly-Cited Author**, RTI International
- 2018 **Highly-Published Author**, RTI International
- 2018 **Highly-Cited Author**, RTI International
- 2019 **Highly-Published Author**, RTI International
- 2019 **Highly-Cited Author**, RTI International
- 2020 **Highly-Published Author**, RTI International
- 2020 **Highly-Cited Author**, RTI International
- 2021 **Highly-Published Author**, RTI International
- 2021 **Highly-Cited Author**, RTI International
- 2022 **Highly-Published Author**, RTI International
- 2022 **Highly-Cited Author**, RTI International

PROFESSIONAL SOCIETY MEMBERSHIPS

American Congress of Rehabilitation Medicine: 1991- present

- Board of Governors [Member, 2011- 2014],
- Awards Committee [Chair, 2013-2014; Member 2010-2013]
- Program Committee [Member, 2006-2008, 2012 – 2022; Co-Chair 2022-present]
- Nomination Committee [Member, 2008 – 2012]

American Stroke Association: 2012-2020

- Stroke Performance Measures Oversight Committee of the Council on Stroke [Member/methods expertise, 2016-18]
- Quality and Outcomes Committee [member, 2014-18]

Association of Rehabilitation Nurses: 1987- present

National Positions

Rehabilitation Nursing Journal

- Editorial board member, 2009 – 2016; 2021-present

Research Committee

- Inaugural Research Committee Chair, 2017-2020
- Research Committee liaison to 2020 ARN Reach Conference Planning Committee

ARN Reach Conference Planning Committee

- Member, 2020

Rehabilitation Nursing Foundation (RNF)

- Member of Peer-Review Panel, Grant applications, July 2021.
- RNF Fund Chair, 2014-2017

RNF Fund Committee Member, 2013-2014

Member of Peer-Review Panel, Grant applications, May 2014

Member of Peer-Review Panel, Grant applications, March 2010

Member of Peer-Review Panel, Grant applications, March 2006

Association of Rehabilitation Nurses Strategic Planning Summit, Chicago, IL

Invited Participant, March 10, 2016

ARN National Health Policy Committee

Chair, 2000-2002

Member, 1998 – 2002

Northern Illinois Chapter: 2004-present

Member

Western New York Regional Chapter: 1998-2004

Education Committee, 1994

Nominating Committee, 1993

Chapter Secretary, 1998-1990

ARN Health Policy:

Winner of the 1999 Malcolm Maloof Scholarship to attend the Nurse in Washington internship program.

Sigma Theta Tau (International Honor Society of Nursing)

Gamma Kappa Chapter. Member of Induction Committee for Beta Iota Chapter, 1986-1987.

Impact

Impact summary statement:

- I was a delegate for the World Health Organization's *Rehabilitation 2030* meetings in 2017 and 2019. I also participated in a 2019 small-group stakeholder consultation meeting in 2019.
- My research has addressed key policy issues and my research informed the development of the IMPACT Act (public law) and one of my research products (a quality measure) was included in a public law for implementation.
- I developed quality measures that are now implemented in the Centers for Medicare and Medicaid Services in the Quality Reporting Programs
- I was part of the research team that developed the Medicare inpatient rehabilitation prospective payment system
- My research has been cited by the Medicare Payment Advisory Commission (non-partisan commission that advises the US Congress on Medicare issues)
- I contributed to the development of the IRF Compare website.

World Health Organization

Invited Delegate, Rehabilitation 2030, World Health Organization, Geneva, Switzerland (participated online); July 8-9, 2019.

Stakeholder Consultation, Assessment of Functioning, World Health Organization, Geneva, Switzerland; May 2-3, 2019;

Invited Delegate, Rehabilitation 2030, World Health Organization, Geneva, Switzerland; Feb 6-7, 2017.

POLICY Impact: Research Contributed to the Development of a Public Law

The [Improving Medicare Post-Acute Care Transformation Act of 2014](#) (IMPACT Act) amends title XVIII of the Social Security Act to provide for standardized post-acute care assessment data for quality, payment, and discharge planning, and for other purposes.

- Member of the research team that developed and tested standardized assessment data elements as part of the Post-Acute Care Payment Reform Demonstration, which provided support for the writing of the IMPACT Act.
- Lead researcher that developed the functional status quality measures for Inpatient Rehabilitation Facilities, long-term care hospitals, and skilled nursing facilities.
- member of the research team contributing to the development of quality measures focused on new or worsened pressure ulcers, falls with injury, discharge to community, drug regimen review, transfer of health information and IRF readmissions. These quality measures were implemented as required by the IMPACT Act.

POLICY Impact: Research Product Included in a Public Law

In Section 1206 of the [Bipartisan Budget Agreement of 2013](#) (Public Law 113-67), there is a requirement for the Secretary of the Department of Health and Human Services to establish a functional status quality measure in long term care hospitals not later than October 1, 2015.

From the law:

SEC. 1206. PAYMENT FOR INPATIENT SERVICES IN LONG-TERM CARE HOSPITALS (LTCHS).

January 1, 2015, and ending September 30, 2017.”.

(c) ADDITIONAL QUALITY MEASURE.—Section 1886(m)(5)(D) of the Social Security Act (42 U.S.C. 1395ww(m)(5)(D)) is amended by adding at the end the following new clause:

“(iv) ADDITIONAL QUALITY MEASURES.—Not later than October 1, 2015, the Secretary shall establish a functional status quality measure for change in mobility among inpatients requiring ventilator support.”

- Lead researcher that developed the quality measure, change in mobility among inpatients requiring ventilator support, under a contract with the Centers for Medicare and Medicaid Services. The Centers for Medicare and Medicaid Services proposed and finalized the adoption of this quality measure as part of the Long-Term Care Hospital Quality Reporting Program through the rulemaking process in 2014. Data collection for this quality measure began April 1, 2016. (<http://www.cms.gov/Medicare/Medicare-Fee-for-Service-Payment/AcuteInpatientPPS/FY2015-IPPS-Final-Rule-Home-Page.html>).

POLICY: Developed Quality Measures Proposed and Adopted by the Centers for Medicare and Medicaid Services in the Quality Reporting Programs

- Under a CMS contract, Anne led the development of two functional status quality measures that were proposed and then finalized for use in the Centers for Medicare and Medicaid Services’ Long-term Care Hospital Quality Reporting Program. Data Collection for these quality measure began April

1, 2016 (<http://www.cms.gov/Medicare/Medicare-Fee-for-Service-Payment/AcuteInpatientPPS/FY2015-IPPS-Final-Rule-Home-Page.html>).

- Under a CMS contract, Anne led the development of a cross-setting functional status quality measure that was implemented in four of CMS' quality reporting programs:
 - IRF PPS Final Rule FR 80: <https://www.gpo.gov/fdsys/pkg/FR-2015-08-06/pdf/2015-18973.pdf>
 - SNF PPS Final Rule FR 80: <https://www.gpo.gov/fdsys/pkg/FR-2015-08-04/pdf/2015-18950.pdf>
 - LTCH PPS Final Rule FR 80: <https://www.gpo.gov/fdsys/pkg/FR-2015-08-17/pdf/2015-19049.pdf>
 - HH PPS Final Rule FR 82: <https://www.gpo.gov/fdsys/pkg/FR-2017-11-07/pdf/2017-23935.pdf>
- Under a CMS contract, Anne led the development of four outcome functional status quality measures that were implemented in the Inpatient Rehabilitation Facility Quality Reporting Program. Data collection began October 1, 2016 (<https://www.federalregister.gov/articles/2015/08/06/2015-18973/medicare-program-inpatient-rehabilitation-facility-prospective-payment-system-for-federal-fiscal>).
- Anne also led the development of an application of the Inpatient Rehabilitation Facility measures that were implemented in the Skilled Nursing Facility Quality Reporting Program. Data collection began October 1, 2018. (<https://www.federalregister.gov/documents/2017/08/04/2017-16256/medicare-program-prospective-payment-system-and-consolidated-billing-for-skilled-nursing-facilities>)
- Under several CMS contracts and an ASPE contract, Anne led the development of 4 quality measures that are were endorsed by NQF:
 - Percent of Long-Term Care Hospital (LTCH) Patients With an Admission and Discharge Functional Assessment and a Care Plan That Addresses Function; *STEWARDS*: Centers for Medicare & Medicaid Services (CMS) - <http://www.qualityforum.org/QPS/2631> (initial endorsement July 2015)
 - Long-Term Care Hospital (LTCH) Functional Outcome Measure: Change in Mobility Among Patients Requiring Ventilator Support; *STEWARDS*: Centers for Medicare & Medicaid Services (CMS) - <http://www.qualityforum.org/QPS/2632> (initial endorsement July 2015; maintenance of endorsement in 2019)
 - Inpatient Rehabilitation Facility (IRF) Functional Outcome Measure: Discharge Self-Care Score for Medical Rehabilitation Patients; *STEWARDS*: Centers for Medicare & Medicaid Services (CMS) - <http://www.qualityforum.org/QPS/2635> (initial endorsement July 2015; maintenance of endorsement in 2019)
 - Inpatient Rehabilitation Facility (IRF) Functional Outcome Measure: Discharge Mobility Score for Medical Rehabilitation Patients; *STEWARDS*: Centers for Medicare & Medicaid Services (CMS) - <http://www.qualityforum.org/QPS/2636> (initial endorsement July 2015; maintenance of endorsement in 2019)
- Under several CMS contracts and an ASPE contract, Anne led the development of 2 quality measures that are now endorsed by NQF:
 - Inpatient Rehabilitation Facility (IRF) Functional Outcome Measure: Change in Self-Care Score for Medical Rehabilitation Patients; *STEWARDS*: Centers for Medicare & Medicaid Services (CMS) - <http://www.qualityforum.org/QPS/2633> (initial endorsement November 2015; maintenance of endorsement in 2019)
 - Inpatient Rehabilitation Facility (IRF) Functional Outcome Measure: Change in Mobility Score for Medical Rehabilitation Patients; *STEWARDS*: Centers for Medicare & Medicaid Services (CMS) - <http://www.qualityforum.org/QPS/2634> (initial endorsement November 2015; maintenance of endorsement in 2019)

POLICY IMPACT: Post-Acute Care Payment Systems

- Under a CMS contract, Anne was part of the research team that developed the updated the IRF PPS patient classification system that was finalized by CMS for use beginning in October 2019 in the IRF PPS Final Rule in the Federal Register 8/6/2018: <https://www.gpo.gov/fdsys/pkg/FR-2018-08-06/pdf/2018-16517.pdf>
- Standardized data elements developed by Anne and others as part of the Post-Acute Payment Reform Demonstration and implemented as part of the IMPACT Act are used as part of the updated SNF Prospective payment system, which was finalized in the Federal Register in 2018: <https://www.gpo.gov/fdsys/pkg/FR-2018-08-08/pdf/2018-16570.pdf>

POLICY Impact: Research Cited in Medicare Payment Advisory Commission in Reports to Congress (the Medicare payment Advisory Commission makes recommendations to the US Congress on Medicare issues)

Anne's research has been cited in many of the Medicare Payment Advisory Commission's Reports to Congress, including (with active links to the documents):

- [Report to Congress: Medicare Payment Policy; March 2006](#)
- [Report to Congress: Medicare Payment Policy; March 2007](#)
- [Report to Congress: Medicare Payment Policy; March 2008](#)
- [Report to Congress: Medicare Payment Policy; March 2009](#)
- [Report to Congress: Medicare Payment Policy; March 2010](#)
- [Report to Congress: Medicare Payment Policy; March 2011](#)
- [Report to Congress: Medicare and the Health Care Delivery System; June 2014](#)
- [Report to Congress: Medicare Payment Policy; March 2015](#)
- [Report to Congress: Medicare Payment Policy; March 2016](#)
- [Report to Congress: Medicare Payment Policy; March 2017](#)
- [Report to Congress: Medicare Payment Policy; March 2018](#)
- [Report to Congress: Medicare Payment Policy; March 2019](#)
- [Report to Congress: Medicare and the Health Delivery System: June 2019](#)
- Thanks in **Acknowledgement** section for sharing insights in the [Report to Congress: Medicare and the Health Delivery System: June 2019](#).
- [Report to Congress: Medicare Payment Policy: March 2020](#)
- [Report to Congress: Medicare Payment Policy: March 2022 \(Post-acute Care Payment Reform demonstration report to Congress\)](#)

POLICY: IRF Compare website

Under a CMS contract, Anne contributed to the development of the IRF Compare web site, which will went live in late fall 2016. The IRF Compare website, now included in the Care Compare website, shows quality measure data for IRFs across the US. <https://www.medicare.gov/care-compare/results?searchType=InpatientRehabilitation&page=1&city=Chicago&state=IL&radius=100&sort=closest>

PROFESSIONAL ACTIVITIES

Rehabilitation Institute of Chicago/Shirley Ryan AbilityLab Institutional Service

2005-2007 Advanced Practice Nurse Committee Member, Rehabilitation Institute of Chicago
2006-2008 Public Reporting Committee, Rehabilitation Institute of Chicago
2009-2011 Outcomes Reporting Committee, Rehabilitation Institute of Chicago
2010-2011 Alliance Outcomes Group, Rehabilitation Institute of Chicago
2010 Public Reporting Committee, Rehabilitation Institute of Chicago
2010-2011 HIPAA Committee, Rehabilitation Institute of Chicago
2014-2017 Outcomes “SWAT” Task Force
2019-present Executive Committee member and mentor – Northwestern University’s Integrated Health Services Research Fellowship Program

Professional Public Service

Member, Peer review panel, DeVivo Award Review panel, Spinal Cord Injury Model System; August 2022.

Co-Chair ACRM Program Committee, American Congress of Rehabilitation Congress, 2021 – present.

Stakeholder Consultation: “Making Health Financing Work for the Rehabilitation Response: Review of Models, Challenges, and Promising Approaches” currently leading the [Health Systems Strengthening Accelerator](#) (Accelerator), a global initiative funded by USAID and the Bill & Melinda Gates Foundation in collaboration with the World Health Organization; August 2021.

Measure Developer Advisory Committee member, National Quality Forum – re-appointed in 2020

Treatment/Intervention Subgroup co-lead for National Institute of Health’s NeuroRehab Common Data Element initiative; 2020-2021.

Expert Panel, U.S. Government Accountability Office meeting on Long-Term Health Care Costs for Firearm Injuries. Convened by the National Academies of Sciences, Engineering, and Medicine; November 18, 2020. [Firearm Injuries: Health Care Service Needs and Costs | U.S. GAO](#)

Member, Administration for Community Living, Assistive Technology Leadership Expert Panel (Service Provision, Workforce Capacity, Policy, Systems and Funding); 2020

Member, RAND Project Advisory Task Force for Developing and Validating Claims-based Algorithms of Frailty and Functional Disabilities. Funded by the Assistant Secretary of Planning and Evaluation, Dept. of Health and Human Services; 2020 - 2021.

Member, External Advisory Committee, Center for Large Data Research & Data Sharing in Rehabilitation (NIH P2C); University of Texas Medical Branch, Galveston, TX; Meeting January 30, 2020.

Member, Peer review panel, DeVivo Award Review panel, Spinal Cord Injury Model System, May 2019

Member, National Quality Forum: Feedback Loop Expert Panel; 2018-2020.

Member, Agency on Community Living Traumatic Brain Injury Assessment Study Technical Expert Panel; 2018

Member, EPC Policy and Dissemination Subcommittee, American Congress of Rehabilitation Medicine; 2017-2020

Member, Traumatic Brain Injury Model System, Executive Committee; 2017-2021

Member, Traumatic Spinal Cord Injury Model System, Advisory Committee: 2017-2021

Deutsch, Anne

Peer Reviewer, Abstracts submitted for consideration for the AcademyHealth Special Interest Group; 2017.

Member, Expert Panel, Skilled Nursing Facility Prospective Payment System. Convened by Acumen and funded by the Centers for Medicare and Medicaid Services, Baltimore; October 14, 2016.

Member, Expert Panel, National Quality Forum Measure Incubator™ Multiple Sclerosis PRO-PM Strategy Session, Washington, DC; Sept 26, 2016.

Member with Methodological Expertise in Performance Measures for the Stroke Performance Measures Oversight Committee of the Council on Stroke, American Stroke Association; 2016-2018.

Member, Brain Injury Association of America TBI Rehabilitation Guidelines Dissemination Advisory Board. Dallas, TX; April 2016.

Member, Quality and Outcomes Committee, American Stroke Association, 2014-2018

Member, Expert Panel, Medicare Bundled Payment Care Initiative: Heart Failure. Centers for Medicare and Medicaid Services and Telligen; April 12, 2016

Member, External Advisory Committee, Center for Large Data Research & Data Sharing in Rehabilitation (; University of Texas Medical Branch, Galveston, TX (2016 – current).

Member, National Quality Forum: Attribution Expert Panel (2015-2016)

Member, Brain Injury Association of America TBI Rehabilitation Guidelines Dissemination Advisory Board. Dallas, TX; October 27, 2015.

Invited Participant, Association of Occupational Therapy Association’s Visioning Summit. National Harbor, MD; October 22 and 23, 2015

Member, Expert Panel, Medicare Bundled Payment Care Initiative: Hip Replacement. Centers for Medicare and Medicaid Services and Telligen; May 6, 2015

Peer Reviewer, Abstracts submitted for consideration for the American Stroke Association Scientific Session; September 2014

Member of Peer-Review Panel, Reviewed grant application submitted to the National Institute on Disability and Rehabilitation Research; September 2013.

Program Committee, American Congress of Rehabilitation Medicine; 2005-2009 and 2012-present

Member Expert Panel, 3M, Functional Status and Payment Reform; 2012-2013.

Input Forum on Differentiating Three-Year Accreditations (invited participant) organized by CARF International (formerly the Commission on Accreditation of Rehabilitation Facilities); July 31-August 1, 2011.

Member, Board of Governors, American Congress of Rehabilitation Medicine; 2011-2014.

Long-term Care Hospital Quality Measures Technical Expert Panel, Centers for Medicare and Medicaid Services and RTI International; July 7, 2011.

Inpatient Rehabilitation Facility Quality Measures Technical Expert Panel, Centers for Medicare and Medicaid Services and RTI International; July 6, 2011.

Awards Committee, American Congress of Rehabilitation Medicine; 2010 – 2013 (member) and 2013-2014 (chair)

Member Expert Panel, Medicare Payment Advisory Committee (MedPAC), Washington, DC; November 16, 2010.

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 - 2012.

Deutsch, Anne

Illinois Hospital Association (IHA) Transparency Task Force. The task force made 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.

Policy Advisory Committee 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.

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

Student Representative for Graduate Committee, Department of Social and Preventive Medicine’s, University at Buffalo; 1998 – 2000.

Induction Committee for Beta Iota Chapter. Sigma Theta Tau, International Honor Society of Nursing; 1986-1987.

Journal Editorial Board

RTI Press, Editorial Board, 2019 - present

Editorial board, Archives of Physical Medicine and Rehabilitation, 2017 - present

Editorial board, Rehabilitation Nursing Journal, 2009 – 2016 and 2021 - present

Teaching

1989 – 1995: Trained users at adult rehabilitation facilities worldwide to implement the Uniform Data Set for Medical Rehabilitation, including the FIM instrument, a functional assessment tool. More than 200 presentations given to over 6,000 participants in the US and seven other countries (Australia, Canada, England, Germany, Italy, Japan, South Korea).

1994-2002: Guest lecturer about functional assessment to undergraduate occupational therapy and physical therapy students at D’Youville College and graduate-level students in the Rehabilitation Sciences Program at the University at Buffalo.

Granger CV, Deutsch A. Prognostic Measures: Physical Disability Measurements. Clinical Epidemiology class (SPM 616), Buffalo, NY; March 27, 1998.

Deutsch A. Health Measurement: Applications. Lecture for Topics IV in Health Services and Outcomes Research (HSR 454) course, Northwestern University Feinberg School of Medicine. Chicago, IL, January 27, 2011.

Deutsch A. Quality Measures for Post-Stroke Rehabilitation. Presentation to the Northwestern University Physical Medicine and Rehabilitation medical residents. Rehabilitation Institute of Chicago, IL; March 8, 2011.

Deutsch, Anne

Deutsch A. Ethical Issues with Large Database Research. Lecture for Ethical Issues in Health Services Research (HSR 460) course, Northwestern University Feinberg School of Medicine. Chicago, IL, April 27, 2011. Graduate course.

Deutsch A. Retrospective Studies. Presentation to the Northwestern University Physical Medicine and Rehabilitation medical residents. Rehabilitation Institute of Chicago, IL; October 3, 2011.

Deutsch A. Introduction to Measurement. Presentation to the Northwestern University Physical Medicine and Rehabilitation medical residents. Rehabilitation Institute of Chicago, IL; October 3, 2011.

Kozlowski A, **Deutsch A.** Introduction to Contemporary Psychometrics. Lecture for Topics in Health Services Research: Methods & Measurement (HSR 461) course, Northwestern University Feinberg School of Medicine. Chicago, IL, October 27, 2011.

Deutsch A. Ethical Issues with Large Database Research. Lecture for Ethical Issues in Health Services Research (HSR 460) course, Northwestern University Feinberg School of Medicine. Chicago, IL, February 9, 2012. Graduate course.

Deutsch A. Quality Measures for Post-Stroke Rehabilitation. Presentation to the Northwestern University Physical Medicine and Rehabilitation medical residents. Rehabilitation Institute of Chicago, IL; September 13, 2012.

Deutsch A. Ethical Issues with Large Database Research. Lecture for Ethical Issues in Health Services Research (HSR 460) course, Northwestern University Feinberg School of Medicine. Chicago, IL, January 24, 2013. Graduate course.

Deutsch A. Measurement in Rehabilitation Research and Policy. Presentation to the Northwestern University Physical Medicine and Rehabilitation medical residents. Rehabilitation Institute of Chicago, IL; May 6, 2013.

Deutsch A. Retrospective Studies. Presentation to the Northwestern University Physical Medicine and Rehabilitation medical residents. Rehabilitation Institute of Chicago, IL; May 17, 2013.

Deutsch A. Ethical Issues with Large Database Research. Lecture for Ethical Issues in Health Services Research (HSR 460) course, Northwestern University Feinberg School of Medicine. Chicago, IL, February 20, 2014. Graduate course.

Deutsch A. Measurement in Rehabilitation Research and Policy. Presentation to the Northwestern University Physical Medicine and Rehabilitation medical residents. Rehabilitation Institute of Chicago, IL; May 19, 2014.

Deutsch A. Retrospective Studies. Presentation to the Northwestern University Physical Medicine and Rehabilitation medical residents. Rehabilitation Institute of Chicago, IL; May 29, 2014.

Deutsch, Anne

Deutsch A. Measurement in Rehabilitation Research and Policy. Presentation to the Northwestern University Physical Medicine and Rehabilitation medical residents. Rehabilitation Institute of Chicago, IL; January 26, 2015.

Deutsch A. Ethical Issues with Large Database Research. Lecture for Ethical Issues in Health Services Research (HSR 460) course, Northwestern University Feinberg School of Medicine. Chicago, IL, February 5, 2015. Graduate course.

Deutsch A. Retrospective Studies. Presentation to the Northwestern University Physical Medicine and Rehabilitation medical residents. Rehabilitation Institute of Chicago, IL; February 6, 2015.

Deutsch A. Functional Abilities and Goals. Presentation at the Centers for Medicare and Medicaid Services' Long-Term Care Hospital Quality Reporting Program Training, Baltimore, MD; November 18, 2015.

Deutsch A. Healthcare Research. Presentation to high school students about careers in health care research. Course: Introduction to Health Occupations, Naperville Central High School, Naperville, IL; November 24, 2015.

Deutsch A. Ethical Issues with Large Database Research. Lecture for Ethical Issues in Health Services Research (HSR 460) course, Northwestern University Feinberg School of Medicine. Chicago, IL, January 20, 2016. Graduate course.

Deutsch A. McMullen T. Functional Abilities and Goals. Webinar presentation at the Centers for Medicare and Medicaid Services' Long-Term Care Hospital Quality Reporting Program Training, February 3, 2016.

Deutsch A. Measurement in Rehabilitation Research and Policy. Presentation to the Northwestern University Physical Medicine and Rehabilitation medical residents. Rehabilitation Institute of Chicago, IL; February 15, 2016.

Deutsch A. Retrospective Studies. Presentation to the Northwestern University Physical Medicine and Rehabilitation medical residents. Rehabilitation Institute of Chicago, IL; February 22, 2016.

Deutsch A. Functional Abilities and Goals. Presentation at the Centers for Medicare and Medicaid Services' Inpatient Rehabilitation Facility Quality Reporting Program Training, Dallas, TX; May 17, 2016.

Deutsch A. Quality of Care in Medical Rehabilitation. Invited presentation at the National Research Center for Rehabilitation Technical Aids. Beijing, China; May 29 and 30, 2016.

Deutsch A. Functional Abilities and Goals. Presentation at the Centers for Medicare and Medicaid Services' Resident Assessment Instrument Coordinators Training, Towson, MD; June 15, 2016.

Deutsch A. Skilled Nursing Facility Quality Reporting. Presentation at the Centers for Medicare and Medicaid Services' Skilled Nursing Facility Quality Reporting Program Training, Atlanta, GA; June 22, 2016.

Deutsch, Anne

Deutsch A. Functional Abilities and Goals. Presentation at the Centers for Medicare and Medicaid Services' Skilled Nursing Facility Quality Reporting Program Training, Atlanta, GA; June 22, 2016.

Deutsch A. Quality Measure Development and Post-Acute Care Quality Measurement in Healthcare Quality and Patient Safety course (501) Northwestern University Feinberg School of Medicine. Chicago, IL, July 20, 2016. Graduate course.

Deutsch A. Functional Abilities and Goals. Presentation at the Centers for Medicare and Medicaid Services' Long-Term Care Hospital Quality Reporting Program Training, Chicago, IL; August 11, 2016.

American Congress of Rehabilitation Medicine Early Career Development Course. Participated in panel discussion, mentoring lunch and breakout sessions. American Congress of Rehabilitation Medicine Annual Conference, Chicago, IL; November 1, 2016.

Deutsch A. Healthcare Research. Presentation to high school students about careers in health care research. Course: Introduction to Health Occupations, Naperville Central High School, Naperville, IL; November 18, 2016.

Deutsch A. Ethical Issues with Large Database Research. Lecture for Ethical Issues in Health Services Research (HSR 460) course, Northwestern University Feinberg School of Medicine. Chicago, IL, January 20, 2017. Graduate course.

Deutsch A. National Quality Measure Development. Quality and Patient Safety course (501) Northwestern University Feinberg School of Medicine. Chicago, IL, July 26, 2017. Graduate course.

Topalis K, Waltros G, **Deutsch A.** IRF Refresher Webinar. National Webinar sponsored by the CMS. August 15, 2017.

Deutsch A. Healthcare Research. Presentation to high school students about careers in health care research. Course: Introduction to Health Occupations, Naperville Central High School, Naperville, IL; November 17, 2017.

Deutsch A. Ethical Issues with Large Database Research. Lecture for Ethical Issues in Health Services Research (HSR 460) course, Northwestern University Feinberg School of Medicine. Chicago, IL, February 9, 2018. Graduate course.

Deutsch A, Schwartz C. Functional Abilities and Goals. Presentation at the Centers for Medicare and Medicaid Services' Long-Term Care Hospital Quality Reporting Program Training, Baltimore, MD; May 8, 2018.

Deutsch A, Schwartz C. Functional Abilities and Goals. Presentation at the Centers for Medicare and Medicaid Services' Inpatient Rehabilitation Facility Quality Reporting Program Training, Baltimore, MD; May 10, 2018.

Deutsch A. Functional Abilities and Goals. Presentation at the Centers for Medicare and Medicaid Services' State Resident Assessment Instrument Coordinator Training, Annapolis, MD; June 27, 2018.

Deutsch, Anne

Deutsch A. The New Skilled Nursing Facility Quality Reporting Program Items: Sections I and J. Presentation at the Centers for Medicare and Medicaid Services' State Resident Assessment Instrument Coordinator Training, Annapolis, MD; June 28, 2018.

Deutsch A. National Quality Measure Development. Quality and Patient Safety course (501) Northwestern University Feinberg School of Medicine. Chicago, IL, July 23, 2018. Graduate course.

Deutsch A. Section I and J Updates. Presentation at the Centers for Medicare and Medicaid Services' Skilled Nursing Facility Quality Reporting Program Training, Baltimore, MD; July 31, 2018.

Deutsch A, Smith A. Functional Abilities and Goals. Presentation at the Centers for Medicare and Medicaid Services' Skilled Nursing Facility Quality Reporting Program Training, Baltimore, MD; July 31, 2018.

Deutsch A, Functional Abilities and Goals and Active Diagnoses. Webinar presentation for the Centers for Medicare and Medicaid Services' Skilled Nursing Facility Quality Reporting Program Training; Sept 12, 2018.

Deutsch A. Functional Abilities and Goals at the Centers for Medicare and Medicaid Services' Home Health Quality Reporting Program Training, Baltimore, MD; November 6, 2018.

Deutsch A. Healthcare Research. Presentation to high school students about careers in health care research. Course: Introduction to Health Occupations, Naperville Central High School, Naperville, IL; November 16, 2018.

Deutsch A. Ethical Issues with Large Database Research. Lecture for Ethical Issues in Health Services Research (HSR 460) course, Northwestern University Feinberg School of Medicine. Chicago, IL, February 6, 2019. Graduate course.

Deutsch A. Functional Abilities and Goals at the Centers for Medicare and Medicaid Services' Home Health Quality Reporting Program Training, Baltimore, MD; March 8, 2019.

Deutsch A, Dass M. Functional Abilities and Goals. Presentation at the Centers for Medicare and Medicaid Services' Skilled Nursing Facility Quality Reporting Program Training, Kansas City, MO; May 7, 2019.

Deutsch A, Dass M. Functional Abilities and Goals. Presentation at the Centers for Medicare and Medicaid Services' Inpatient Rehabilitation Facility Quality Reporting Program Training, Kansas City, MO; May 10, 2019.

Deutsch A. Functional Measures. Presentation at the Centers for Medicare and Medicaid Services' Inpatient Rehabilitation Facility Quality Reporting Program Training, Kansas City, MO; May 10, 2019.

Deutsch A. National Quality Measure Development. Quality and Patient Safety course (501) Northwestern University Feinberg School of Medicine. Chicago, IL, July 17, 2019. Graduate course.

Deutsch, Anne

Deutsch A, Dass M. Functional Abilities and Goals. Presentation at the Centers for Medicare and Medicaid Services' Skilled Nursing Facility Quality Reporting Program Training, Baltimore, MD; August 13, 2019.

Deutsch A, Dass M. Functional Abilities and Goals. Presentation at the Centers for Medicare and Medicaid Services' Inpatient Rehabilitation Facility Quality Reporting Program Training, Baltimore, MD; August 15, 2019.

Deutsch A. Functional Measures. Presentation at the Centers for Medicare and Medicaid Services' Inpatient Rehabilitation Facility Quality Reporting Program Training, Baltimore, MD; August 15, 2019.

Deutsch A. Healthcare Research. Presentation to high school students about careers in health care research. Naperville 203 Medical Conference, Naperville Central High School, Naperville, IL; November 22, 2019.

Deutsch A. Ethical Issues with Large Database Research. Lecture for Ethical Issues in Health Services Research (HSR 460) course, Northwestern University Feinberg School of Medicine. Chicago, IL, January 17, 2020. Graduate course.

Deutsch A. Eng T. Healthcare Research. Presentation to high school students about careers in health care research. Naperville 203 Medical Conference, Naperville Central High School, Naperville, IL; March 24, 2021.

Cidalia V, **Deutsch A.** Presenting Your Poster Virtually at a Conference. Association of Rehabilitation Nurses for the webinar, July 29, 2021

Deutsch A. Albitron J. Direct Contacting quality Measurement. Centers for Medicare and Medicaid Services. Centers for Medicare and Medicaid Innovation; December, 2021

Mentorship - Clinicians:

Carol Gleason, PT 2009-2016
Effectiveness of Kinesiotaping and Tubular Bandaging for Reducing Lower Extremity Edema,
Brown Fellowship Recipient, Rehabilitation Institute of Chicago

Krista Ferguson, PT; Melissa Kolski, PT; Annie O'Connor, PT 2010-present
The Reliability and Validity of a Classification System in Musculoskeletal Rehabilitation,
Henry B Betts Award, Rehabilitation Institute of Chicago

Laura Pickering, PT 2011-2013
Treatment of Urinary Incontinence in Inpatient Rehabilitation
Fellowship Applicant, Rehabilitation Institute of Chicago

Mentorship - Northwestern University Medical Residents/Fellows:

Daniel Roth, MD (process mentor) 2008-2009
Sarah Meadows, MD (process mentor) 2008-2010

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Larissa Ramaizel, MD (process mentor) 2008-2010
Bethany Stelnicki, MD (process mentor) 2008-2011
Julie Lanphere, MD (process mentor) 2009-2012
Dana Clark, MD (process mentor) 2010-2011
Peter Hurh, MD (process mentor) 2010-2013
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 - 2nd place, Rehabilitation Institute of Chicago, (2008)

Shanti Ganesh, MD 2007-2010
Association of Pain and Functional Recovery for Aged Medicare Patients with Hip Fracture.

Katherine (White) Stenson, MD 2008-2011
The Prevalence of Morbid Obesity in Acute Inpatient Rehabilitation: A Review of the Medicare Database.
Baskin Resident Research Award - 3rd place, Rehabilitation Institute of Chicago, 2009
A Comparison of Medicare Patients in the SCI Model System Database and the National Medicare Databases. *DeVivo Mentored Research Award, 2010.*

Katharine Tam, MD 2016-2019
Functional Outcomes of Patients with Spinal Cord Injury by Age 2020-present
PROFESSIONAL ACTIVITIES (cont'd)

Trainees/Mentoring - Postdoctoral Fellows:

Susan Magasi, PhD 2006-2007
Consumers' Use and Understanding of Quality Information: A Health Literacy Perspective.

Christina Papadimitriou, PhD 2007-2009
Use of Cognitive Interviews to Understand Consumers' Understanding of Quality Information

Alan Kozlowski, PhD 2010-2014
Rehabilitation Outcome Measures

Wing Kai (Alex) Wong, Ph.D. Washington University, St. Louis, MO 2014-2016
Improving Patient Outcomes through Engagement in Inpatient Spinal Cord Injury Rehabilitation: Perspectives of Patients, Clinicians, Administrators, and Policymakers
Funding: National Institute on Disability and Rehabilitation Research, Dept. of Education, Switzer Fellowship

Tiago S. Jesus, PhD, OT 2020-2023
Patient experience of care

Elizabeth Munsell, PhD, OT 2020-2023

Han Su, PhD, RN 2020-2022
Employment outcomes among critical care survivors

Deutsch, Anne

Tonie Sadler, PhD, SW 2020-2023
Quality of home and community-based Services

Mentorship - Faculty and Doctoral Students at Other Universities:

James E. Graham, PhD, D.C. Assistant Professor; University of Texas Medical Branch 2007-2011
Inpatient Rehabilitation Volume-Outcomes Relationship,
Funding: National Institute on Disability and Rehabilitation Research, Dept. of Education, Switzer Merit Fellowship

Tim Reistetter, PhD, OTR Assistant Professor; University of Texas Medical Branch 2011-2013
Regional Variability in Inpatient Rehabilitation Among Medicare Beneficiaries
Funding: National Institutes of Health (1 K01 HD068513-01)

Denise Fyffe, PhD. Research Scientist; Kessler Rehabilitation Institute 2012-2014
Race/Ethnicity Disparities Among Patients with a Traumatic Spinal Cord Injury
Funding: Medical Rehabilitation Research Resource: Center for Rehabilitation Research Using Large Datasets (1R24HD065702-01) Pilot Project

Amit Kumar, OT. Doctoral Student, University of Texas Medical Branch 2014-2015
Dissertation: Comorbidities and Functional Outcomes

Amol Kamarkar, PhD. Assistant Professor; University of Texas Medical Branch 2016-2018
K-award

Laura Coots. Doctoral Student, Brandeis University, Waltham, MA 2015-2018
Dissertation: Readmissions after Discharge from an Inpatient Rehabilitation Facility

Alexandra Harper. Doctoral Student, University of Pittsburgh, 2019-2022
Department of Occupational Therapy, School of Health and Rehabilitation Sciences

GRANTS AND CONTRACTS – Active

Centers for Medicare and Medicare Services, Department of Health and Human Services
3/2022-present

**Division of Value, Incentives, and Quality Reporting (DVIQR) Program Support/
Skilled Nursing Facility Value-Based Purchasing Program**

Role: Subcontract Project Director; Contract Prime Mathematica

HHSM-500-2014-00371: 75FCMC19F0004 Centers for Medicare and Medicare Services, Department of
Health and Human Services

3/1/2021- present

**Direct Contracting (DC) Kidney Care First (KCF) Comprehensive Kidney Care Contracting (CKCC)
Models—Program Analysis and Operational Support**

Role: Task E Quality measure lead and Task E/H liaison

Deutsch, Anne

90SIMS0015-01-00 National Institute on Disability and Rehabilitation Research, U.S. Department of Health and Human Service.

Midwest Regional Spinal Cord Injury Care System (PI: Heinemann/Chen; 09/01/2021-08/31/2026)

Role: Database;

90RTGE0004 National Institute on Disability and Rehabilitation Research, U.S. Department of Health and Human Service.

Home and Community-Based Services Research and Training Center (PI: Heinemann; 09/01/2020-08/31/2025)

Role: co-investigator

90SI5022 National Institute on Disability and Rehabilitation Research, U.S. Department of Education;

Midwest Regional Spinal Cord Injury Care System (PI: Heinemann/Chen; 09/30/2016-09/20/2021)

Role: Database; Chair SCI Model System Database Committee; Chair Health Policy Special Interest Group

GRANTS & CONTRACTS - Previously Funded Research Grants

Department of Health and Human Services, Assistant Secretary for Health and Human Services
HHSP23320095651WC, Task Order HHSP23337033T; M. Morley, PI; 09/09/2013 – 03/08/2022)

Examine the Impact of Using Continuity Assessment Record and Evaluation (CARE) Data in the Current Medicare Fee for Service (FFS) Case Mix Methodologies

Role: senior analyst (co-investigator)

Centers for Medicare & Medicaid Services (CMS)

Evaluation of the Initiative to Reduce Avoidable Hospitalizations among Nursing Facility Residents (2019 to 2021)—Senior Analyst.

Centers for Medicare & Medicaid Services (CMS)

Accountable Care Organization Program Analysis for the Medicare Shared Savings Program (2019 to 2021)— Senior Technical Assistance.

Centers for Medicare and Medicaid Services, Center for Clinical Standards and Quality (CCSQ)

(HHSM-500-2013-13015I, Task Order HHSM-500-T003; PI: J. Loft, 09/01/15 – 08/31/18)

Development of the Long-term Care Hospital and Inpatient Rehabilitation Facility Experience of Care Surveys

Role: senior advisor (co-investigator)

National Quality Forum.

Multiple Sclerosis Patient-Reported Outcome Performance Measure Development subcontract from Northwestern University. Cella, PI; 2017-2019

Centers for Medicare and Medicaid Services, Center for Clinical Standards and Quality (CCSQ)

IDIQ Task Order #TORP140953; PI: K. Reilly/L. Smith, 09/01/2014 – 08/31/2019

Development and Maintenance of Symptom Management Measures

Role: senior analyst (co-investigator); task lead for inpatient rehabilitation facility quality reporting program and task lead for cross-setting functional status quality measure development

Deutsch, Anne

National Institute on Disability and Rehabilitation Research, U.S. Department of Education
Midwest Regional Spinal Cord Injury Care System (H133N110014; PI: Chen; 11/01/201-09/30/2017)
Role: Database support and modular research project: principal investigator

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, 10/01/2009-09/30/2016 - NCE)
Role: Research project 4 principal investigator

Patient-Centered Outcomes Research Institute,
Developing Quality Metrics: Patient-Reported Outcomes for Medical Rehabilitation
PI: Heinemann, 09/01/2013-08/31/2016
Role: Co-investigator

National Institutes of Health, U.S. Department of Health and Human Services
Medical Rehabilitation Research Resource: Center for Rehabilitation Research Using Large Datasets
(1R24HD065702-01; PI: Ottenbacher, 07/03/2010-05/31/2015)
Role: Co-investigator; Director of Techniques Development; Subcontract PI

Department of Health and Human Services, Assistant Secretary for Planning and Evaluation (ASPE);
HHSP23320095651WC, TO# HHSP23337014T; PI: Morley, 09/11/11 – 03/28/2015.
Extrapolate the Episode-Based Risk Adjustment Findings
Role: co-investigator

Rehabilitation Nursing Foundation
Nurse Staffing and Patient Outcomes in the Rehabilitation Setting
PI: Kathleen Stevens, 03/01/2013-02/28/2015
Role: Co-investigator

Centers for Medicare and Medicaid Services, Office of Clinical Standards and Quality (OCSQ)
Post-Acute Care (HHSM-500-2008-000211; PI: Bernard/S. Thaker, 10/01/2010 – 09/30/2014)
Development and Maintenance of Symptom Management Measures
Role: co-investigator; task lead for inpatient rehabilitation facility quality reporting program and task lead for cross-setting function quality measure development

National Institute on Disability and Rehabilitation Research, U.S. Department of Education
Traumatic Brain Injury Model Systems National Data and Statistical Center: Characteristics and Outcomes of Patients with Traumatic Brain Injury Treated at Model System Centers
PI: Harrison-Felix; 03/01/2013 – 05/31/14)
Role: Subcontractor/Research Project lead

National Institute on Disability and Rehabilitation Research, U.S. Department of Education
Development of Quality Measures for Post-Stroke Rehabilitation (H133G100182; PI: Deutsch, 10/01/2010-12/31/2013)
Role: Principal investigator

Deutsch, Anne

Centers for Medicare and Medicaid Services, Centers for Medicare Management, Division of Institutional Post-Acute Care (HHSM-500-2009-0002G; PI: Gage/Deutsch, 08/01/2009 – 03/04/2013)

Analysis of the Classification Criteria for Inpatient Rehabilitation Facilities

Role: Co-investigator 2009-2012; Project Director 2012-2013

Centers for Medicare and Medicaid Services, Office of Research, Development and Information (CMS-07-033; PI: Dever; 02/01/2008 – 02/01/2013)

Developing Outpatient Therapy Payment Alternatives

Role: co-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/Smith; 11/06/2006 – 08/30/2012)

Role: co-investigator

Centers for Medicare and Medicaid Services, Office of Research, Development and Information (ORDI). (CMS-07-001; PI: Gage; 02/16/2007 - 03/31/2012)

Post Acute Care Payment Reform Demonstration

Role: co-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 – 09/30/2013)

Role: Senior manager of database & research project 2: principal investigator

Department of Health and Human Services, Assistant Secretary for Planning and Evaluation (ASPE); PI: Deutsch, 09/01/11 – 11/19/2012.

Analysis of Crosscutting Medicare Quality Metrics Using the Uniform Assessment Tool Developed and Tested as Part of the CMS Post-Acute Care Payment Reform Demonstration.

Role: Project Director

National Institute on Disability and Rehabilitation Research, U.S. Department of Education (H133G080163; PI: Ottenbacher; 10/01/2008 – 09/30/2011)

Prospective Payment and Inpatient Rehabilitation

Role: co-investigator; Site PI

National Institute on Disability and Rehabilitation Research, U.S. Department of Education (H133A080045; PI: 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

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 (H133B040032; PI: Heinemann; 11/01/2005-11/30/2011)

Deutsch, Anne

Rehabilitation Research and Training Center on Measuring Rehabilitation Outcomes and Effectiveness

Role: co-investigator; Research project 4 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

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

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

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 Role: Principal investigator

PUBLICATIONS

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.

Stineman MG, Marino RJ, Deutsch A, Granger CV, Maislin G. A Functional strategy for classifying patients after traumatic spinal cord injury. *Spinal Cord*. 37(10):717-25, 1999 Oct.

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.

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, Anne

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.

Kay E, Deutsch A, Wuermsler LA. Predicting walking at discharge from inpatient rehabilitation after a traumatic spinal cord injury. *Archives of Physical Medicine and Rehabilitation*, 2007;88:745-750.

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* 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.

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, Durkin EM, Almagor O. Impact of Mental Disorders on Cost and Reimbursement for Patients in Inpatient Rehabilitation Facilities. *Archives of Physical Medicine and Rehabilitation*, 2010; 91:184-188.

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*, 2010; 89:198-201.

Durkin E, Heinemann AW, Deutsch A. Inpatient Rehabilitation Facilities: Variation in Organizational Practice in Response to Prospective Payment. *Medical Care Research and Review*, 2010; 67(2): 149-172.

Deutsch, Anne

- Reistetter TA, Graham JE, Granger CV, Deutsch A, Ottenbacher KJ. Utility of Functional Status for Classifying Community versus Institutional Discharges after Inpatient Rehabilitation for Stroke. *Archives of Physical Medicine and Rehabilitation*, 2010; 91:345-350.
- 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*, 2010; 89:265-278.
- 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 a Non-traumatic Spinal Cord Injury. *PM&R*, 2010; 2:504-513.
- Kay E, Deutsch A, Chen D, Semik P, Rowles D. Effects of Gender on Inpatient Rehabilitation Outcomes in 65-74 Year Olds with Incomplete Paraplegia from a Non-traumatic Spinal Cord Injury. *Journal of Spinal Cord Medicine*, 2010;33(4):379-386.
- Stenson KW, Deutsch A, Heinemann AW, Chen D. Obesity and Inpatient Rehabilitation Outcomes for Patients with a Traumatic Spinal Cord Injury Archives of Physical Medicine and Rehabilitation. *Archives of Physical Medicine and Rehabilitation*, 2011;92:384-390.
- Qu H, Shewchuck RM, Chen Y, Deutsch A. Impact of Medicare's Prospective Payment System on Acute Rehabilitation Outcomes of Patients with Spinal Cord Injury. *Archives of Physical Medicine and Rehabilitation*, 2011;92:346-351.
- Granger CV, Reistetter TA, Graham JE, Deutsch A, Markello SJ, Niewczyk P, Ottenbacher KJ. The Uniform Data System for Medical Rehabilitation Report of Patients with Hip Fracture Discharged from Rehabilitation Programs in 2000 – 2007. *American Journal of Physical Medicine and Rehabilitation*, 2011;90:177-189.
- DeVivo MJ, Chen Y, Mennemeyer S, Kilgore M, Deutsch A. Costs of Care Following Spinal Cord Injury. *Topics in Spinal Cord Injury Rehabilitation*, *Topics in Spinal Cord Injury Rehabilitation* 2011;16(4):1-9.
- Deutsch A, Almagor O, Rowles D, Pucci D, Chen D. Characteristics and Outcomes of Aged Medicare Beneficiaries with a Traumatic Spinal Cord Injury: 2002-2005, *Topics in Spinal Cord Injury Rehabilitation* 2011; 16(4):17-26.
- Mallinson TR, Bateman J, Tseng H-Y, Manheim L, Almagor O, Deutsch A, Heinemann AW. A Comparison of Discharge Functional Status after Rehabilitation in Skilled Nursing, Home Health, and Medical Rehabilitation Settings for Patients after Lower-Extremity Joint Replacement Surgery. *Arch Phys Med Rehabil* 2011;92:712-20.
- DeJong G, Hoffman J, Meade MA, Bombardier C, Deutsch A, Nemunaitis G, Roach MJ, Tate DG, Bonninger ML, Chen Y, Hsieh J, Jette A, Wierbicky J, Chiodo A, Forchheimer M. Postrehabilitation Health Care for Individuals with SCI: Extending Health Care into the Community. *Topics in Spinal Cord Injury Rehabilitation* 2011;17(2):46-58.

Deutsch, Anne

Reistetter TA, Graham JE, Deutsch A, Markello SJ, Granger CV, Ottenbacher KJ. Diabetes Comorbidity and Age Influence Rehabilitation Outcomes after Hip Fracture. *Diabetes Care* 2011 34(6):1375-1377.

Granger CV, Karmarkar AM, Graham JE, Deutsch A, Markello SJ, Niewczyk P, DiVita MA, Ottenbacher KJ. The Uniform Data System for Medical Rehabilitation Report of Patients with Traumatic Spinal Cord Injury Discharged from Rehabilitation Programs in 2000 – 2007. *American Journal of Physical Medicine and Rehabilitation*, 2012; 91:289-299.

Papadimitriou C, DeMark H, Magasi S, Heinemann, AW, Deutsch A. Eliciting Patient and Caregiver Perspectives to Improve the Public Reporting of Rehabilitation Quality Measures: Results from an Exploratory Study. *Rehabilitation Nursing*, 2013; 38, 24-31.

Galloway RV, Granger CV, Karmarkar AM, Graham JE, Deutsch A, Niewczyk P, DiVita MA, Ottenbacher KJ. The Uniform Data System for Medical Rehabilitation Report of Patients with Debility Discharged from Rehabilitation Programs in 2000 – 2010. *American Journal of Physical Medicine and Rehabilitation*, 2013; 92:14-27.

Graham JE, Deutsch A, O'Connell AA, Karmarkar AM, Granger CV, Ottenbacher KJ. Inpatient Rehabilitation Volume and Functional Outcomes in Stroke, Lower Extremity Fracture, and Lower Extremity Joint Replacement. *Medical Care*, 2013; 51:404-412.

Mallinson TR, Deutsch A, Bateman J, Tseng H-Y, Manheim L, Almagor O, Heinemann AW. Comparison of Discharge Functional Status after Rehabilitation in Skilled Nursing, Home Health, and Medical Rehabilitation Settings for Patients after Hip Fracture Repair. *Arch Phys Med Rehabil* 2014;95:209-17.

Graham JE, Granger CV, Karmarkar AM, Deutsch A, Niewczyk P, DiVita MA, Ottenbacher KJ. "The Uniform Data System for Medical Rehabilitation: Report of Follow-up Information on Patients Discharged from Inpatient Rehabilitation Programs in 2002-2010. *Am J Phys Med Rehabil* 2014;93:231Y244. DOI: 10.1097/PHM.0b013e3182a92c58

Lackland DT, Roccella EJ, Deutsch, A, Fornage M, George MG, Howard G, Kissela B, Kittner SJ, Lichtman J, Lisabeth L, Schwamm LH, Smith EE, Towfighi A, on behalf of the American Heart Association Stroke Council, Council on Cardiovascular Nursing, Council on Quality of Care and Outcomes and Research, and Council on Functional Genomics and Translational Biology. Factors Influencing the Decline in Stroke Mortality: A Statement for Healthcare Professionals from the American Heart Association/American Stroke Association. *Stroke*. 2014; 45:315-353. Originally published December 5, 2013. doi: 10.1161/01.str.0000437068.30550.cf

Ottenbacher KJ, Karmarkar AM, Graham JE, Kuo Y-F, Deutsch A, Reistetter TA, Snih SA, Granger CV. Thirty-day hospital readmission following Discharge from Postacute Rehabilitation in Fee-for-service Medicare Patients. *JAMA*, 2014;311(6):604-614. Doi:10.1001/jama.2014.8.

Fyffe D, Deutsch A, Botticello A, Kirshblum S, Ottenbacher K. Racial and Ethnic Disparities in Functioning at Discharge and Follow-up among Patients with Motor Complete Spinal Cord Injury *Archives of Physical Medicine and Rehabilitation*. 2014; 95:2140-51.

Deutsch, Anne

Mallinson T, Fitzgerald CM, Neville CE, Almagor O, Manheim L, Deutsch A, Heinemann A. (2017), Impact of urinary incontinence on medical rehabilitation inpatients. *NeuroUrol. Urodyn.* doi: 10.1002/nau.22908. 36:176-183

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Kumar A, Graham JE, Resnik L, Karmarkar AM, Deutsch A, Tan A, Al Snih S, Ottenbacher KJ. Comparing Comorbidity Indices to Predict Post-Acute Rehabilitation Outcomes. *American J of Phys Med Rehab.* 2016; 95(12): 889-898.

Middleton A, Graham JE, Lin Y, Goodwin JS, Bettger JP, Deutsch A, Ottenbacher KJ. Motor and Cognitive Functional Status are Associated with 30-day Unplanned Rehospitalization Following Post-Acute Care in Medicare Fee-for-Service Beneficiaries. *Journal of General Internal Medicine.* In Press.

Ottenbacher KJ, Karmarkar AM, Graham JE, Kuo Y-F, Deutsch A, Reistetter TA, Snih SA, Granger CV. Thirty-day hospital readmission following Discharge from Postacute Rehabilitation in Fee-for-service Medicare Patients. *JAMA*, 2014;311(6):604-614. Doi:10.1001/jama.2014.8.

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Kolski MC, O'Connor A, Van Der Laan K, Lee J, Kozlowski AJ, Deutsch A. Validation of a pain mechanism classification system (PMCS) in physical therapy practice. *Journal of Manual and Manipulative Therapy.* 2016 Aug 7; 24(4): 192-199. doi:http://dx.doi.org/10.1179/2042618614Y.0000000090 . PMID: 27582618 and PMCID: 27582618

Kumar A, Graham JE, Resnik L, et al. Comparing Comorbidity Indices to Predict Post-Acute Rehabilitation Outcomes in Older Adults. *American Journal of Physical Medicine & Rehabilitation.* 2016;95(12):889-898.

Kumar A, Graham JE, Resnik L, et al. Examining the Association Between Comorbidity Indexes and Functional Status in Hospitalized Medicare Fee-for-Service Beneficiaries. *Physical Therapy.* 2016;96(2):232-240.

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Deutsch A, Pardasany P, Iriondo-Perez J, Ingber M, Porter KA, McMullen T, Development of a Risk Adjustment Model for the Inpatient Rehabilitation Facility Discharge Self-Care Functional Status Quality Measure. *Medical Care.* 2017;55:706-715.

Kumar, A, Karmarkar, AM, Graham, JE, Resnik, L, Tan, A, Deutsch, A & Ottenbacher, KJ 2017, Comorbidity Indices Versus Function as Potential Predictors of 30-Day Readmission in Older Patients

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Silver B, Deutsch A, Coomer N, Warren K, Kandilov A, Ingber M, Dorneo A, Potelle J. Report to Congress: Unified Payment for Medicare-Covered Post-Acute Care Analysis and Development of the Prototype Unified PAC Prospective Payment System Called for in the IMPACT Act. RTI International: Research Triangle Park, NC. 2022. Available at:
<https://www.cms.gov/files/document/unifiedpacreporttocongress.pdf>
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Training Manuals

Developed and updated education materials: *Guide for the Uniform Data Set for Medical Rehabilitation (Adult FIM) Version 4*, *Getting Started with the Uniform Data System for Medical Rehabilitation*, *Questions and Answers about the Functional Independence Measure (Adult FIM) Version 4*, *Instructor's Manual Version 2* (including overheads and handouts), 1994

Developed reference book: *FIM 5 Instrument to MDS 2.0 Translator* (1998-1999).

Developed training materials and provided training for the Medicare Inpatient Rehabilitation Facility Prospective Payment System sponsored by the Centers for Medicare and Medicaid Services (CMS), 2001-2002.

Abstracts (since 2009)

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.

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, 2009. *Physical Medicine and Rehabilitation* 2009;1(9S):E149.

Reistetter T, Seale G, Deutsch A, Markello S, Granger C, Ottenbacher K. Differing Discharge FIM Rating Value for Classifying Return to the Community of Older Adults Receiving Inpatient Rehabilitation Following a Traumatic Brain Injury. *Arch Phys Med Rehabil* 2010;91:E13

Graham J, Deutsch A, Markello S, Granger C, Ottenbacher K. Inpatient Rehabilitation Volume-Outcomes Relationship for Stroke, Hip Fracture, and Joint Replacement. *Arch Phys Med Rehabil* 2010;91, E26.

Reistetter T, Graham J, Deutsch A, Karmarker A, Eschbach K, Granger C, Ottenbacher K. Geographic Patterns in Rehabilitation Outcomes Following Stroke. *Arch Phys Med Rehabil* 2010; 91, E28

Liu E, Deutsch A, DeMark H. Racial and Ethnic Differences in Outcomes of Inpatient Stroke Rehabilitation in the United States. *Arch Phys Med Rehabil* 2010;91, E31.

DeMark H, Deutsch A, Taylor C, Papadimitriou C, Magasi S, Heinemann A. Health Literacy and Trust in Sources of Quality Information. *Arch Phys Med Rehabil* 2010;91 E43.

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- Stenson KW, Chen D, Deutsch A. A Comparison of Medicare Patients in the SCI Model System Database and the National Medicare Databases. *PM&R - the Journal of Injury, Function and Rehabilitation* 2010;2(9S), 161.
- Graham J, Deutsch A, Markello S, Granger CV, Ottenbacher K. Inpatient Rehabilitation Volume- Outcomes Relationship for Stroke, Hip Fracture and Joint Replacement. *Arch Phys Med Rehabil* 2010;91 e26.
- Reistetter T, Seale G, Deutsch A, Markello S, Granger C, Ottenbacher K. Differing Discharge FIM Rating Value for Classifying Return to the Community of Older Adults Receiving Inpatient Rehabilitation Following a Traumatic Brain Injury. *Arch Phys Med Rehabil* 2010;91 e13.
- Deutsch A. Functional Change Outcomes in Post-Acute Care Settings. *Gerontologist* 2012; 52; 633-634.
- Deutsch A, Neumann HD. Limitations of a Rehabilitation Efficiency Measure for the Quality Reporting Program. *Arch Phys Med Rehabil* 2013;94, E10.
- Deutsch A, Neumann HD, Chen D. Readmissions among Medicare Patients after a Recent Traumatic Spinal Cord Injury. *Arch Phys Med Rehabil* 2013;94, e24-e25.
- Pardasaney P, Pope G, Amico P, Dever J, Deutsch A, Gordon T, West P, Meadow A. Outpatient Therapy Expenditures in the Medicare Population: Influence of Diagnosis and Functional Mobility. Poster Presentation. American Congress of Rehabilitation Medicine. Toronto, Ontario, October 11, 2014.
- Kolski MC, O'Connor A, Van Der Laan K, Lee J, Kozlowski AJ, Deutsch A. Validation of a pain mechanism classification system (PMCS) in physical therapy practice. Poster Presentation at the American Physical Therapy Association Combined Sections Meeting. Feb 4, 2015. Indianapolis, IN.
- Stevens K, Ehrlich-Jones L, Ma M, Kim K-Y, Deutsch A. Relationship Between Magnet Status and Education: Fall Rates And Prevalence Of Hospital Acquired Pressure Ulcers. Association of Rehabilitation Nurses Annual Conference. New Orleans, LA. Sept 30, 2015.
- Freedman L, Stevens K, Ehrlich-Jones L, Ma M, Kim K-Y, Deutsch A. Nurse Staffing Characteristics on Adult Rehabilitation Units: An Analysis of Adult Rehabilitation Units in NDNQI. Association of Rehabilitation Nurses Annual Conference. New Orleans, LA. Sept 30, 2015.
- Stevens K, Ehrlich-Jones L, Ma M, Kim K, Deutsch A. Relationship Between Certification And Educational Levels Of Nurses And Fall Rate And Prevalence Of Hospital Acquired Pressure Ulcers Association of Rehabilitation Nurses, New Orleans, Oct 2015
- Mandl S., McMullen TL., Reilly K, Thaker S, Smith L, Deutsch A, Lines LM, Schwartz ML. IMPACT Act Of 2014 Quality Domains/Measures: Design & Implementation On An Urgent Timeline American Geriatric Association – Nov 2015
- Fyffe D, Deutsch A, Botticello A, Kirshblum S Ottenbacher K. Explaining Functioning Disparities Associated with Social Participation, Functioning and Quality of Life. ACRM Dallas, 2015

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Mandl S, McMullen TL, Reilly K, Smith L, Deutsch A, Lines L. IMPACT Act of 2014 quality domains/measures; Design & Implementation on an urgent timeline. American Geriatrics Society

Kumar A, Karmarkar A, Graham J, Et Al. Development of patient level post-acute 30-day rehospitalization risk prediction model in older adults. *Gerontologist*. 2015;55:773-773.

Schwartz M, Seibert J, Smith L, Thaker S, Deutsch A. Development of a Cross-Setting Measure: Percent of New or Worsened Pressure Ulcers in Nursing Homes Inpatient Rehabilitation Facilities, Nursing Homes and Long-Term Care Hospitals. Academy Health; Boston, June 2016

Palmer L, Deutsch et al. Functional Abilities and Goals in Post-Acute Care: An Early Look at Standardized Assessment Data. 21st IAGG World Congress of Gerontology and Geriatrics. Innovation in Aging, An Open Access Journal of the Gerontological Society of America pages 438-439. Innovations in Aging 2017 World Congress

Daras L, Deutsch A, Ingber M, Perloff J, Hefele J. Are Inpatient Rehabilitation Facilities' Medicare Margins Associated With Quality of Care?" Archives of Physical Medicine and Rehabilitation 98(10): e33-e34. Poster presented at the American Congress of Rehabilitation Medicine Annual Meeting, Atlanta, GA, October 26, 2017

Daras L, Ingber M, Deutsch A, Hefele J, Perloff J. (2017). "Variation in Hospital Readmission Outcomes Among Inpatient Rehabilitation Facilities." Archives of Physical Medicine and Rehabilitation 98(10): e12-e13. Presented at the American Congress of Rehabilitation Medicine Annual Meeting, Atlanta, GA, October 28, 2017

Krishnan, S., et al. (2017). "Patient Involvement in Selecting Post-Acute Care Rehabilitation Facilities Following Stroke." Archives of Physical Medicine and Rehabilitation 98(10): e90.

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Deutsch A, Palmer L, Vaughan M, Marino M, McMullen T, Levitt A, Mandl S. Association of Functional Status and Discharge Destination for Patients Discharged from Inpatient Rehabilitation. Innovation in Aging. 2018 Nov 16;2(suppl_1):894-5

Li Q, Deutsch A, Seibert J, Barch D, Livingstone I, McMullen T, Mandl SR. National Data on The First Set of Assessment-Based Quality Measures Publicly Reported In SNF QRP. Innovation in Aging. 2018 Nov;2(Suppl 1):27.

Ptaszek A, Deutsch A, Li Q, Cool A, Smith L, McMullen T, Pratt M. Policy and Quality: The IMPACT Act of 2014 And Development Of The Skilled Nursing Facility Quality Reporting Program. Innovation in Aging. 2018 Nov;2(Suppl 1):26.

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K Foster, A Deutsch. Profiles of Inpatient Rehabilitation Facilities Based on Patient Conditions. *Archives of Physical Medicine and Rehabilitation* 100 (10), e110, 2019

YH Kao, YY Chen, A Deutsch, H Wen, TS Tseng. Rehabilitation Length of Stay and Functional Improvement among People with Traumatic Spinal Cord Injury *Archives of Physical Medicine and Rehabilitation* 100 (10), e114. 2019.

Palmer L, Marino M, McMullen T, Vaughan M, Deutsch A. Pre-Hospital Living Situation and Functional Improvement for Patients Discharged From Inpatient Rehabilitation. *Archives of Physical Medicine and Rehabilitation* 100 (10), e25.

Vaughan M, Broyles IH, Ingber MJ, Palmer L, McMullen T, Anderson KK, Deutsch A. The Effect Of Dual Eligibility On Improvement In Mobility: Variation By Patients' Primary Diagnosis. *GSA*. Nov 2019.

Deutsch A, Neumann H. A Total Performance Score for Inpatient Rehabilitation Facilities: Stakeholder Perspectives. *Archives of Physical Medicine and Rehabilitation*. 2022 Mar 1;103(3):e25.

Heinemann, AW, Fatone S, LaVela, SL, Peterson, M, Slater, BCS, Deutsch, A, Soltys, NT, McPherson, V, Kale, I, McCombs, N, Kwasny, M. Measurement Properties of Patient-Reported Measures for Custom Ankle-Foot Orthosis (AFO) Users. Poster presented at the 48th Annual Meeting and Scientific Symposium of the American Academy of Orthotists Prosthetists, March 2-5, 2022, Atlanta, GA.

INVITED LECTURES AND CONFERENCE PRESENTATIONS (since 1999)

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, Anne

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; American Association of Orthopedic Surgeons; 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.

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

Deutsch, Anne

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.

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 28, 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 19, 2006.

Deutsch A *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 19, 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? 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, Anne

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.

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 Nancye 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.

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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.

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.

Deutsch A. Update on Medicare's Post-Acute Care Payment Reform Demonstration. Presentation to the Department of Physical Medicine and Rehabilitation, Feinberg School of Medicine, Northwestern University, Chicago, IL; February 16, 2010.

Deutsch A. Racial and Ethnic Differences in Rehabilitation Outcomes for Medicare Patients with Stroke and Brain Injury. 5th Annual Brain Injury Rehabilitation Conference Sponsored by the Rehabilitation Center at Scripps Memorial Hospital Encinitas, La Jolla, CA; March 26, 2010.

Deutsch A. Medicare's Post-Acute Care Payment Reform Demonstration. Center for Rehabilitation Sciences 2009-2010 Seminar Series. University at Texas Medical Branch. Galveston, TX; March 30, 2010.

Deutsch A. Patient Outcome Measures. Strategic Alliance Meeting. Rehabilitation Institute of Chicago, Chicago, IL; April 16, 2010.

White K, **Deutsch A**, Chen D. Obesity and Inpatient Rehabilitation Outcomes for Patients with a Traumatic Spinal Cord Injury American Spinal Injury Association's 36th Annual Scientific Meeting, May 27, 2010 in Nashville, Tennessee.

Deutsch, Anne

Deutsch A. Measuring the Quality of Inpatient Rehabilitation Care: Policymaker, Provider and Patient Perspectives. Clinical Grand Rounds. Rehabilitation Institute of Chicago. June 14, 2010.

Deutsch A, Suerth EJ. Health Literacy and Developing Educational Materials A New Decade of Discovery: Making a Difference through Nursing Research Partnerships. Northwestern Memorial Hospital Annual Nursing Research & Evidence-Based Practice Symposium. Chicago, IL; August 5, 2010.

Deutsch A. Health Care Reform: Linking Research to Policy and Implications for Rehabilitation Nursing. Rehabilitation Nursing Foundation Dinner Symposium, Association of Rehabilitation Nurses 36th Annual Educational Conference, Orlando, FL; October 1, 2010.

Deutsch A. Quality Measures for Rehabilitation Programs, Association of Rehabilitation Nurses 36th Annual Educational Conference, Orlando, FL; October 2, 2010.

Deutsch A. Measuring the Quality of Inpatient Rehabilitation Care. ACRM. Montreal, Quebec, Canada; October 22, 2010

Deutsch A. Measuring the Quality of Inpatient Rehabilitation Care: American Academy of Physical Medicine and Rehabilitation. Seattle, WA, November 4, 2010

Gage B, **Deutsch A.** The Post-Acute Care Payment Reform Demonstration and Other Medicare Initiatives. Northwest Association of Rehabilitation Facilities Educational Meeting. Seattle, WA, November 5, 2010

Deutsch A. Overview of Medicare and Medicaid Claims and Assessment Data. Health Disparity and Disability Meeting. Schwab Rehabilitation Hospital. Chicago, IL. January 10, 2011.

Deutsch A. Quality Measures for Rehabilitation Programs. Chicagoland Physical Therapy Director Meeting, Advocate Health Care Corporate Office, Oak Brook, IL; February 10, 2011.

Deutsch A. Quality Measures for Rehabilitation: Challenges and Opportunities. 6th Annual Brain Injury Rehabilitation Conference. Scripps Memorial Hospital Encinitas; San Diego, CA. March 19, 2011.

Stenson K, **Deutsch A,** Chen D. A Comparison of Medicare Patients in the SCI Model System database and National Medicare Databases. The 2011 International Conference on Spinal Cord Medicine and Rehabilitation, June 8, 2011, Grand Hyatt Washington Hotel Washington, D.C.

Deutsch A, DeMark H. Health Literacy: Best Practices for Communicating with Patients. Webinar sponsored by CARF International. June 21, 2011.

Deutsch A. Successes and Challenges in Implementing NIDRR Capacity Building Grants: Switzer Fellowship at the Research Capacity Building Summit: Critical Conversations on Repositioning NIDRR's Investments for the Future. Sponsored by the National Institute on Disability and Rehabilitation Research, Alexandria, VA, July 21, 2011.

Deutsch, Anne

Deutsch A. (course director). Quality Measures for Rehabilitation: Policy, Provider and Patient Perspectives. American Congress of Rehabilitation Medicine – American Society of Neurorehabilitation Conference: Progress in Rehabilitation Research; Atlanta, GA, October 12, 2011.

Deutsch A. Quality Measures for Rehabilitation: Patient, Provider and Payer Perspectives. Association of Rehabilitation Nurses 37th Annual Educational Conference. Las Vegas, NV; November 3, 2011.

Deutsch A, Graham JE. Strengths and Limitations of Selected Large Datasets. Presentation at the American College of Rheumatology/Association of Rheumatology Health Professionals Scientific Meeting, Chicago, IL; November 9, 2011.

Deutsch A. Examples of Current Use of Large Datasets to Address Health Policy Issues. Presentation at the American College of Rheumatology/Association of Rheumatology Health Professionals Scientific Meeting, Chicago, IL; November 9, 2011.

Deutsch A, Zollar C. Ready for Your Future? How CMS Proposes to Change Payment for Post-Acute Care Providers: A Report From the Post-Acute Care Payment Reform Demonstration and Other Research. Presentation at the American Academy of Physical Medicine and Rehabilitation Annual Assembly and Technical Exhibition. Kissimmee, FL; November 18, 2011.

Deutsch A. Quality Measures for Post-Stroke Rehabilitation. Presentation at the State-of-the-Art Stroke Nursing Symposium; American Heart Association. New Orleans, LA; January 31, 2012.

Deutsch A. Keynote Address: Quality Measures, Post-Acute Care Payment and Levels of Post-Acute Care in Stroke Rehabilitation. Annual Interdisciplinary Stroke Course – Rehabilitation of Stroke: Techniques, Technicalities and Technologies. Rehabilitation Institute of Chicago, Chicago, IL; April 13, 2012.

Deutsch A. Quality Measures for Post-Stroke Rehabilitation. Presentation to the Northwestern University Physical Medicine and Rehabilitation medical residents. Rehabilitation Institute of Chicago, IL; September 13, 2012.

Deutsch A. Quality Measures for Post Acute Care. The Association of Rehabilitation Nurses. October 5, 2012. Nashville, TN.

Deutsch A. Quality Measures for Post Acute Care. The American Speech Hearing Association Healthcare Landscape Summit. October 6, 2012. Rockville, MD.

Purvu Bettger J, **Deutsch A,** DeMark Neumann H, Kozlowski AJ. Measuring Rehabilitation Care Across the Continuum: How Will We Know If We Are Meeting Our Patients' Needs? 2012 American Congress of Rehabilitation Medicine Annual Conference. October 11, 2012. Vancouver, BC.

Graham JE, Ottenbacher KJ, **Deutsch A,** Mallinson TM. Risk-adjusted Models for Inpatient Rehabilitation Quality Metrics. 2012 American Congress of Rehabilitation Medicine Annual Conference. October 11, 2012. Vancouver, BC.

Deutsch, Anne

Mallinson TR, **Deutsch A**, Heinemann AW, Bateman, J. Comparing function across post-acute rehabilitation settings after co-calibration of self-care and mobility items. Paper presented at the ACRM-ASNR Annual Conference, October 13, 2012, Vancouver, BC.

Deutsch A. How Quality Indicators May Shape the Future of Post-Acute Care. California Hospital Association: Focused Care – Patients at the Center. January 31, 2013. Huntington Beach, CA

Deutsch A. Quality Measures for Inpatient Rehabilitation Facilities. American Medical Rehabilitation Providers Association Spring Meeting. March 20, 2013. Washington, DC.

Deutsch A. Quality Measures for Inpatient Rehabilitation Facilities. University of Texas Medical Branch. April 2, 2013. Galveston, TX.

Deutsch A. The Inpatient Rehabilitation Facility Quality Reporting Program. The First National Summit on safety and Quality for Rehabilitation Hospitals. May 20, 2013.

Deutsch A. The Inpatient Rehabilitation Facility Quality Reporting Program. The Uniform Data System for Medical Rehabilitation Conference, Niagara Falls, NY. August 8, 2013.

Deutsch A, Connelly L. Improving Care Transitions and Reducing Readmissions. Association of Rehabilitation Nurses Webinar. September 10, 2013.

Deutsch A. Quality Measures for Post-Acute Care under the Affordable Care Act. Solutions to Emerging Challenges: Neurorehabilitation under the Affordable Care Act, Oakland, CA. September 23, 2013.

Zollar C, Snyder S, Raj V, **Deutsch A**. The First Year's Experience with Quality Measures and Proposed New Measures for Inpatient Rehabilitation Facilities. American Academy of Physical Medicine and Rehabilitation Annual Assembly. National Harbor, MD. October 3, 2013.

Deutsch A. Proposed Reporting Guidelines for Research Using Large Datasets Rehabilitation Research Using Large Datasets: Issues and Methods. Galveston, TX. October 24, 2013.

Deutsch A, Mallinson T, McMullen T. Development of Functional Status Quality Metrics. American Congress of Rehabilitation Medicine. American Congress of Rehabilitation Medicine. Orlando, FL. November 15, 2013.

Deutsch A. Post Acute Care: Payment and Quality Initiatives. Grand Rounds at University at Alabama, Birmingham, Physical Medicine and Rehabilitation. Birmingham, Alabama. January 17, 2014.

Deutsch A. Improving Care Transitions: Policymakers' Perspective. International Stroke Conference. San Diego, CA. February 14, 2014.

Deutsch A. Quality and Safety: Key Performance Indicators. Nancye B. Holt Management Course - The Leadership and Operational Tool Box for Managing in Rehabilitation. Chicago, IL; March 11, 2014.

Deutsch A. Post-Acute Care: Payment and Quality Initiatives. University at Seattle, WA, Dept. Physical Medicine and Rehabilitation. March 14, 2014.

Deutsch, Anne

Deutsch A, McMullen T. Update on the Inpatient Rehabilitation Facility Quality Reporting Program. 2nd Annual Quality and Safety Summit for Inpatient Rehabilitation Hospitals. Pentagon City, VA. July 22, 2014.

Deutsch A. Care Transitions: Patient, Policy Maker and Provider Perspectives. Hoffman Estates, IL; October 4, 2014.

Gifford D, Feldman R, Gage B, McMullen T. **Deutsch A**. Skilled Nursing Facility Prospective Payment System Part A Rehabilitation Therapy: Addressing the Controversy & Redesigning Therapy Payment. National Harbor, MD. October 5, 2014.

Neumann H, **Deutsch A**, Backus D, Shaewitz A. Navigating US Post-Acute Care Policy: Where Do I Begin? American Congress of Rehabilitation Medicine. Toronto, Ontario, October 10, 2014.

French J, Cowan RE, Simcox S, Castel C, Schmidt-Read M, **Deutsch A**, Backus D, Murray J. The Role of Research in Reimbursement. American Congress of Rehabilitation Medicine. Toronto, Ontario, October 10, 2014.

Deutsch A, Resnik L, Neumann H, Ottenbacher KJ. Best Practices for Reporting Rehabilitation Research. American Congress of Rehabilitation Medicine. Toronto, Ontario, October 10, 2014.

Leland NE, Roberts P, **Deutsch A**, Sidelinker JC, Ensuring the Delivery of High-Quality Fall Prevention: How Rehabilitation Professionals Engage in Quality Improvement. American Congress of Rehabilitation Medicine. Toronto, Ontario, October 11, 2014.

Deutsch A. Grand Rounds: Quality Measures, Outcomes Measures and the IMPACT Act of 2014. Rehabilitation Institute of Chicago, Chicago, IL. October 22, 2014.

Clohan D, **Deutsch A**, Zollar C. The Present and Future of Quality Measures and How They Impact Your Practice in the Rehabilitation Hospital Setting. American Academy of Physical Medicine and Rehabilitation Annual Assembly. San Diego, CA. November 14, 2014.

Miller ET, **Deutsch A**, Bettger JP, Lutz B, Green T. Issues and Dilemmas in Stroke Survivor Transitions. American Heart Association Scientific Sessions. Chicago, IL. November 19, 2014.

Deutsch A. Quality Measures for Inpatient Rehabilitation Facilities. Rise Above: Reaching Peak Performance; 2015 Rehabilitation & Respiratory Care Annual Conference. Scottsdale, AZ. June 9th, 2015.

Stevens K, Ehrlich-Jones L, Ma M, Kim K-Y, **Deutsch A**. Relationship Between Nurse Staffing Hours: Fall Rates And Prevalence Of Hospital Acquired Pressure Ulcers. Association of Rehabilitation Nurses Annual Conference. New Orleans, LA. October 3, 2015

Leland NE, **Deutsch A**, Roberts P, Mallinson TM, Flinn N, Reistetter T, Beneciuk J, Graham J. How Health Services Research can Ensure Rehabilitation Aligns with the Objectives of Healthcare Reform. American Congress of Rehabilitation Medicine. Dallas, TX; October 26, 2015.

Deutsch, Anne

Deutsch A. Quality Measures for Inpatient Rehabilitation Facilities (Symposium Director) and Presenter. American Congress of Rehabilitation Medicine. Dallas, TX; October 28, 2015.

Deutsch A. Post-Stroke Rehabilitation Quality. Seventh Annual Meridian Health Stroke Symposium. Meridian Health. Eatontown, NJ; April 15, 2016.

Deutsch A. Smith L, Heinemann AW, Loft J. Quality Measures Developments for Inpatient Rehabilitation Facilities American Congress of Rehabilitation Medicine. Chicago, IL; November 3, 2016.

Deutsch A. Quality Measurement: Methodological Considerations. University of Texas at Galveston, Galveston, TX. March 31, 2017.

Deutsch A. The Need to Demonstrate the Value of post-Acute Rehabilitation Care. Presented at the State of the Science Conference: The Value of Interventions to Promote Health and Function for People with Disabilities. Shirley Ryan AbilityLab; Chicago, IL; September 14, 2017.

Deutsch A, Constantine R, Heinemann AW, Zuckerbraun S. Quality Measurement in Inpatient Rehabilitation. Symposium presented at the American Congress of Rehabilitation Medicine Annual Meeting, Atlanta, GA, October 26, 2017.

Reigle B, **Deutsch A.** Research and Quality Improvement: Contributions to Evidence-Based Rehabilitation Nursing and Improved Patient Outcomes. The Association of Rehabilitation Nurses' Annual Conference: REACH 2017; Seattle, WA; November 10, 2017.

Deutsch A. Post-Acute Care in the United States. University of Toronto, Rehabilitation Sciences. Toronto, Ontario, Canada. January 16, 2018.

Deutsch A. Functional Status Quality Measures. Quality Strategies in Rehabilitation: Advancing Health Services Research. Boston University, April 5, 2018.

Le T, **Deutsch A,** Eng T, McMullen T, Levitt A. Improvements in Functional Mobility in Patients Requiring Ventilator Support in Long-Term Care Hospitals. National Association of Long Term Hospitals 2018 Spring Clinical Education & Annual Meeting; New Orleans, LA; April 5, 2018.

Deutsch A, Pardasaney P. Healthcare Quality Measurement: Overview of the Current landscape and Applications to Research and Practice. American Congress of Rehabilitation Medicine: Progress in Rehabilitation Research Conference. Dallas, TX. October 1, 2018.

Deutsch A. Award Winning Idea: Doctorate-Prepared Researcher Role Award REACH Session 707). Association of Rehabilitation Nurses REACH Conference. West Palm Beach, FL; October 20, 2018.

Deutsch A. Improving Quality in Rehabilitation Care. University of Lucerne, Fall 2018 Lecture Series: Rehabilitation in Health Systems: A Global Perspective. Lucerne, Switzerland. October 10, 2018.

Deutsch A. Academic Salon: CARE and the Policy of Integrated People-centered Health Services. Hefei University of Technology. Hefei, China. December 10, 2018.

Deutsch, Anne

Deutsch A. Post-Acute Care and Rehabilitation in the United States. Geriatric Care and Health Informatics Branch of the Chinese Aging Well Association. Beijing International Conference Center, Beijing, China. December 12, 2018.

Deutsch A. Development and Implementation of the CARE Function Data Elements in the United States. Geriatric Care and Health Informatics Branch of the Chinese Aging Well Association. Beijing International Conference Center, Beijing, China. December 13, 2018.

Deutsch A. The Centers for Medicare and Medicaid Services' Post-Acute Care Functional Status Measures: Development, Implementation and Public Reporting CARF Surveyor Conference. Tucson, AZ; April 14, 2019.

Deutsch A. Post-Acute Care Quality: Provider, Policymaker and Patient Perspectives. Spaulding-Harvard Annual Physical Medicine and Rehabilitation Day. Boston, MA; May 31, 2019.

Deutsch A. Function Quality Measures in Post-Acute Care. Department of Medicine Research Day. Inova Fairfax Medical Center. July 9, 2019.

Deutsch A. Grand Rounds: The Centers for Medicare and Medicaid Services' Post-Acute Care Functional Status Measures: Development, Implementation and Public Reporting . Kessler Rehabilitation Institute; November 1, 2019.

Strasser D, Preston-Hsu E, Deutsch A. Unmasking organizational barriers to effective teams: findings from a multiyear quality improvement project. American Congress of Rehabilitation Medicine. Chicago, IL November 5, 2019.

Harder B, MacDonell C, Morrison S, Deutsch A, DeJong G. U.S. News and World Report's Best Hospitals for Rehabilitation: Upcoming Changes to Ranking Methodology. American Congress of Rehabilitation Medicine. Chicago, IL November 5, 2019.

Deutsch A. Validity of the CARE Function Items. Association of Rehabilitation Nurses. Columbus, OH; November 6, 2019.

Slocum C, Deutsch A, Zafonte R. Population Health, Payment Models, and Predictive Analytics: Opportunities and Challenges for Physiatry Looking Forward in the Era of Value-based Health Care. American Academy of Physical Medicine and Rehabilitation. San Antonio, TX: November 16, 2019.

Melton K, Deutsch A, Schumann S. The Impact of Effective Care Transitions at Admission and Discharge Under PDPM on SNF Quality Measures – Tate 1&2 2020 AHCA/NCAL Quality Summit. Dallas, TX. March 10, 2020. Canceled due to COVID-19.

Sampson L, Kim D, Jackson C, Deutsch A. Policy Roundtables presentation: A Tale of Two Approaches for Using Standardized Data and Predictive Analytics to Inform Care Solutions for High-Cost High-Need Populations. 2020 Academy Health Annual Research Meeting. June 13, 2020. Delayed and virtual meeting due to COVID-19.

Deutsch, Anne

Fowler S, Deutsch A, Winters-Todd B, Pietsch T. Falls: Explore and Connect Quality Improvement, Evidence-based Practice and Research Association of Rehabilitation Nurses Annual Conference: REACH. Virtual meeting due to COVID-19, October 20, 2020.

Gater D, Wood K, Dyson-Hudson TA, Chen Y, Deutsch A, Zanca J, Taylor H, Botticello A, Felix E, San Agustin T. The Spinal Cord Injury Model Systems Program at 50 years: Overview of the Database. American Congress of Rehabilitation Research Annual Conference (Virtual). October 22, 2020.

Graham J, Collins G, Deutsch A. Measuring the Impact of Rehabilitation Research. American Congress of Rehabilitation Research Annual Conference (Virtual). October 23, 2020.

Deutsch A. Research Using Large Datasets: Opportunities and Challenges. Nursing Research Day: Innovations in Clinical Inquiry Conference Lurie Children's Hospital. Chicago, IL (Virtual) March 4, 2021.

Deutsch A, Neumann, H. A Total Performance Score for Inpatient Rehabilitation Facilities: Stakeholder Perspectives Database. Poster Presentation. American Congress of Rehabilitation Research Annual Conference (Virtual). September 28, 2021

Deutsch A. The Changing Post-Acute Care Landscape: Payment Systems and Quality Measurement. Keynote speaker 42nd Annual Neurorehabilitation Conference Virtually attend Encompass Health Rehabilitation Hospital of Braintree's 42nd Annual Neurorehabilitation Conference Nov. 6 and 7, 2021.

Deutsch A. How to Define and Pay for Rehabilitation Services to Achieve Quality and Efficiency? United States of America Country Presentation. Regional Webinar Series on Health Financing for Rehabilitation - Webinar 3. AMERICAS Region. Health Systems Strengthening Accelerator and the World Health Organization. December 2, 2021.

Deutsch A, Bernacot A. Using 'Big Data' to Address Health Equity. Innovations in Clinical Inquiry Conference Lurie Children's Hospital. Chicago, IL (Virtual) March 10, 2022.

Deutsch A. Measuring quality: Turning Data into Quality Measures. The Future of Outcome Measurement: An International forum. University of Minnesota (Hybrid). March 16, 2022.

Deutsch A. The Institutional Post-Acute Care Quality Measurement Landscape at Rehabilitation Payment Model – Virtual Institute – Learning Health Systems Rehabilitation Research Network, June 23, 2022.

Resnick L, Deutsch A, Leland N, Grabowski DC, DeJong G. Panel: Research to Drive Benefit Design Rehabilitation Payment Model – Virtual Institute, Learning Health Systems Rehabilitation Research Network; June 23, 2022.

Deutsch A, Reichard A, Lutzky S, Karon S, Aberly B, Ticha R. Adapting HCBS Quality Measurement to Reflect Standards and Standards to Reflect HCBS. 2022 Hybrid Home and Community-Based Services Conference; Advancing States; Washington, DC, August 14-18, 2022.