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Date Prepared: February 6, 2020

I. Education

Dates	Institution	Degree
2012	Dartmouth College via the Dartmouth Institute for Health Policy & Clinical Practice Hanover, NH	Ph.D
2008	Geisel School of Medicine, via the Dartmouth Institute for Health Policy and Clinical Practice Hanover, NH	M.P.H
2003	MGH Institute of Health Professions Boston, MA	M.S. (Nursing)- Family Practice and Psychiatric & Mental Health Advanced Practice Nursing Sigma Theta Tau
1995	University of Massachusetts Amherst, MA	B.S. (Psychology) Magna Cum Laude Phi Beta Kappa
1992-1993	University of Queensland Brisbane, Australia	International Exchange Student (via UMASS-Amherst)

II. Postdoctoral Training

Dates	Institution	Specialty
2010-2012	Dept. of Veterans Affairs National Quality Scholars Program (VAQS)	Healthcare Quality & Safety, Improvement Science, Education and Leadership Fellowship Project: <i>“Academy for Collaborative Education for Health Professions (ACE)”</i>

III. Professional Development Activities

Dates	Sponsoring Organization / Institution	Name of the Program	Duration of Program	Role	Certificate / # Credits and/or any other information
2019	Thayer School of Engineering, Dartmouth College, Hanover, NH	Lean/Six Sigma Master Black Belt	4 months	Learner	Professional Certification
2018	Institute for Healthcare Improvement, Boston, MA	Breakthrough Series (BTS) Collaborative Improvement Advisor	1 month	Learner	Professional Certification
2017	Thayer School of Engineering, Dartmouth College, Hanover, NH	Lean/Six Sigma Black Belt	4 months	Learner	Professional Certification
2011	Thayer School of Engineering, Dartmouth College, Hanover, NH	Lean/Six Sigma Green Belt	4 months	Learner	Professional Certification
2006	International Organization of Multiple Sclerosis Nurses (IOMSN), Teaneck, NJ	Certified Multiple Sclerosis Specialist (MSCN)	3 months	Learner	Professional Certification

IV. Academic Appointments

Title	Institution	Dates
Associate Professor of Community and Family Medicine	Geisel School of Medicine at Dartmouth Hanover, NH	2019-present
Associate Professor of Psychiatry	Geisel School of Medicine at Dartmouth Hanover, NH	2019-present
Associate Professor of Health Policy and Clinical Practice	The Dartmouth Institute (TDI), and Geisel School of Medicine at Dartmouth, Hanover, NH	2019-present
Adjunct Clinical Faculty, Clinical Nurse Leader (CNL) track in Master of Science in Nursing (MSN) Program	School of Nursing, Colby Sawyer College, New London, NH	2017-18
Adjunct Assistant Professor M.S. Health Economics & Outcomes Management	Washington & Jefferson College Washington, PA	2017-18
Assistant Professor, Health Policy & Clinical Practice	The Dartmouth Institute (TDI), and Geisel School of Medicine at Dartmouth, Hanover, NH	2016-2019
Assistant Professor of Community & Family Medicine	Geisel School of Medicine at Dartmouth Hanover, NH	2016-2019
Assistant Professor of Psychiatry	Geisel School of Medicine at Dartmouth Hanover, NH	2016-2019
Adjunct Associate Professor	MGH Institute of Health Professions, Boston, MA	2016-Present
Adjunct Assistant Professor of Psychiatry	Geisel School of Medicine at Dartmouth Hanover, NH	2014-2016
Adjunct Assistant Professor of Community & Family Medicine	Geisel School of Medicine at Dartmouth Hanover, NH	2013-2016
Adjunct Assistant Professor in Health Policy & Clinical Practice	The Dartmouth Institute (TDI), and Geisel School of Medicine at Dartmouth, Hanover, NH	2013-2016

Assistant Professor	School of Nursing, MGH Institute of Health Professions, Boston, MA	2012-2016
Clinical Assistant Professor	School of Nursing, MGH Institute of Health Professions, Boston, MA	2011-2012
Adjunct Assistant Professor of Nursing	Colby Sawyer College, New London, NH	2011-2012
Instructor in Neurology	Geisel School of Medicine at Dartmouth, Hanover, NH	2004-2012
Lecturer (Nursing, Psychiatry)	School of Nursing, MGH Institute of Health Professions, Boston, MA	2008 – 2011
Lecturer (Behavioral Medicine)	Physician Assistant Program College of Graduate and Prof. Studies Franklin Pierce University Lebanon, NH	2009-11

V. Institutional Leadership Roles

Title	Institution	Dates
National fellowship program core faculty lead: Improvement Measurement and Analytics curriculum	VA National Quality Scholars (VASQ) fellowship Coordinating Center, Houston, TX	2014-Present
Faculty Senior Scholar and Postdoctoral Fellowship Site Co-Director	Department of Veterans Affairs National Quality Scholars (VAQS) Advanced Fellowship Program, White River Junction VAMC (Program Site), WRJ, VT	2012-Present
Academic-Clinical Partnership and Residency Program Co-Director	Department of Veterans Affairs Office of Academic Affiliations (OAA) VA Nursing Academic Partnership for Graduate Education (VANAP-GE): MGH Institute School of Nursing, Boston, MA and WRJ VA Medical Center, WRJ, VT	2016-2017

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VI. Licensure and Certification:

Date	Title of Licensure and/or Certification
2017-Present	Lean Six Sigma Black Belt Certification (Certificate #BB242), Thayer School of Engineering, Dartmouth College, Hanover, NH
2011-Present	Lean Six Sigma Green Belt Certification (Certificate #789) Thayer School of Engineering, Dartmouth College, Hanover, NH
2006-Present	IOMSN Specialty Certification in Multiple Sclerosis (MSCN), U.S. National Certification Number: 1060532
2004-Present	Nurse Practitioner (APRN-BC): NH License 053117-23-03
2003-Present	ANCC National Advanced Practice Nursing Certification in Adult Psych/Mental Health (PMHNP – BC) U.S. National Board Certification Number: 380282
2003-Present	ANCC National Advanced Practice Nursing Certification in Family Practice (FNP-BC) U.S. National Board Certification Number: 380280

VII. Hospital or Health System Appointments (if applicable)

Position / Title	Institution /Organization	Dates
Principal Scientist	Department of Community & Family Medicine, DHMC, Lebanon, NH	2017-Present
Nurse Practitioner in Neurology & Psychiatry (Neurobehavioral Subspecialist)	Multiple Sclerosis Specialty Care Program Concord Neurological Associates Concord Hospital, Concord, NH	2012-Present
Director of Clinical Evaluative Sciences Research.	Multiple Sclerosis Center Dartmouth-Hitchcock Medical Center Lebanon, NH	2007-2012
Nurse Practitioner in Neurology & Psychiatry (MS Center), research clinician and coordinator for MS clinical trials research program.	Multiple Sclerosis Center Dartmouth-Hitchcock Medical Center Lebanon, NH	2004-2012

Nurse Practitioner in Pediatrics	Pediatric Gastroenterology & Nutrition Massachusetts General Hospital Boston, MA	2003-2004
Nurse Practitioner in Emergency Psychiatry	Psychiatric Clinical Evaluation Center McLean Hospital Belmont, MA	2003-2004
Nurse Practitioner, Family Practice & Psychiatry	Family Practice of Thomas Pearce, MD Gloucester, MA	2003-2004
Registered Nurse, Medical-Surgical/Oncology	Beverly Hospital, Beverly, MA	2001-2003
Pharmacy Technician, Inpatient Pharmacy	Massachusetts General Hospital Boston, MA	1999-2001
Program Director, Wenham Residential Services for Developmental Disabilities	GLMHRA, Lynn, MA	1998-2001
Psychiatric Outreach Counselor and Case Manager	GLMHRA, Lynn, MA	1996-1998
Counselor/Case Manager, Inpatient Psychiatry	Atlanticare Hospital, Lynn, MA	1995-1996

VIII. Other Professional Positions

Position/Title	Institution/Organization	Date
Adjunct Faculty Nurse Scientist	Munn Center for Nursing Research, The Institute for Patient Care, Massachusetts General Hospital, Boston, MA	2014-2020
Planner: Nursing Continuing Education Council	Office of Continuing Education, DHMC, Lebanon, NHH	2009-2012

IX. Teaching Activities

A. Undergraduate teaching (“college” students)

Name of course	Dates taught	Institution where offered	Role	Your scheduled (not preparatory, consultative or advising time) hours/year for this activity	Estimated number of students for each time you participated in this activity
Undergraduate Pre-Medical Program	2007-2009	Dartmouth College	Research Mentor	50 hours (volunteer)	1-2

B. Undergraduate Medical Education: Not applicable.
(UME; “med student”) *Classroom teaching*

C. Undergraduate Medical Education: Not applicable.
(UME; “med student”) *Clerkship or other Clinical (e.g., On-doctoring) teaching*

D. Graduate Medical Education (GME) teaching:
Inclusive of instruction of residents and fellows during clinical practice

Name of course	Dates taught	Institution where offered	Role	Your scheduled (not preparatory, consultative or advising time) hours/year for this activity	Estimated number of students for each time you participated in this activity
Chief Resident in Quality & Safety (CRQS)	2017-2019	Department of Veterans Affairs	Faculty & Improvement Methodologist	Mentorship Consultations (0.1 FTE)	10-15
LPMR Residency Program	2017-Present	D-HH/Geisel School of Medicine	Faculty & Improvement Measurement Methodologist	Lectures and Mentorship Consultations (0.07 FTE)	10-15

E. Other clinical education programs:

Name of course	Dates taught	Institution where offered	Role	Your scheduled (not preparatory, consultative or advising time) hours/year for this activity	Estimated number of students for each time you participated in this activity
QI Methods and Measurement I&II (Master of Science in Nursing Clinical Nurse Specialist Program)	2017-2018	School of Nursing, Colby Sawyer College, New London, NH	Faculty and Course Co-Director	8 credit hours (2 semesters)	20
Doctoral Seminar and Outcomes Measurement courses in DNP program.	2016-Present	School of Nursing, MGH Institute of Health Professions, Boston, MA (MGH IHP)	Adjunct Associate Professor	Limited invited lectures- 10 hours (volunteer)	10-15
DNP Outcomes Measurement	2012-2016	MGH IHP	Assistant Professor	16-18 credit hours	15-20
DNP Mentored Project	2012-2016	MGH IHP	Assistant Professor	4 credit hours	1-2
Psychiatric Mental Health III	2012-2016	MGH IHP	Assistant Professor	4 credit hours	20-25
Health Policy	2012-2016	MGH IHP	Assistant Professor	4 credit hours	25-40
Advanced Pharmacology	2012-2016	MGH IHP	Assistant Professor	4 credit hours	15-20

Clinical Instructor, Psychiatry	2011-2012	MGH IHP	Clinical Assistant Professor	3 credit hours	8-12
Health Policy	2010-2011	MGH IHP	Lecturer in Health Policy	3 credit hours	25-40
Behavioral Medicine	2010 – 2011	PA Program, College of Graduate and Professional Studies, Franklin Pierce University, Lebanon, NH	Lecturer in Behavioral Medicine	4 credit hours	20
General Pharmacology	2009-2010	MGH IHP	Lecturer	4 credit hours	40
Advanced Pharmacology	2010-2012	MGH IHP	Lecturer	4 credit hours	20-25
Clinical Instructor, Psychiatry	2008-2010	MGH IHP	Clinical Instructor	3 credit hours	8-12

F. Graduate teaching

Name of course	Dates taught	Institution where offered	Role	Your scheduled (not preparatory, consultative or advising time) hours/year for this activity	Estimated number of students for each time you participated in this activity
PH126: Measurement and Statistical Analysis for Healthcare Quality Improvement	2014-Present	The Dartmouth Institute for Health Policy & Clinical Practice and Geisel School	Faculty (2014-16, 2018-Present) Course Director	4 credit hours	20-25

(Residential MPH Program)		of Medicine, Dartmouth College, Hanover, NH (TDI)	(2016, 2018-Present)		
MPH PH223: Healthcare Improvement Methodology and Measurement (Hybrid/online MPH program)	2016-2018	TDI	Faculty and Course Co-Director	4 credit hours	20-25
PH117: Design and Improvement of Clinical Microsystems	2010-2012	TDI	Graduate Teaching Assistant (PhD student)	6 credit hours	20-30
PH126: Statistical Measurement in Quality Improvement	2009-2011	TDI	Graduate Teaching Assistant (PhD student)	4 credit hours	20-25
Masters Research Design Seminar	2007-2008	TDI	Graduate Teaching Assistant:	4 credit hours	15-20
Continuous Quality Improvement in Healthcare	2007	TDI	Graduate Teaching Assistant	4 credit hours	20-30

G. Other professional/academic programs: Not applicable.

X. Research Advising

A. Undergraduate Students: None

B. Graduate Students

Name of Advisee/Mentee	Dates during which you advised/mentored	Name of program (Put none if none applies)
Karen Walsh, MSc	2019-	University of Minneapolis ScD Dissertation External Committee Member (Predictive Analytics in Multiple Sclerosis Population Health)
Shruthi Patchava, MPH(c)	2/20-6/20	TDI MPH Internship (Population Health/QI: IBD Qorus BYS 2.0 High Risk Outcomes Study)
Dennis Clark, BS	1/20-9/20	MPH Research Internship Mentor, University of Massachusetts, Boston (Shared Decision Making)
Eleanor Bryan, Med	2018-2019	Dartmouth MALS Internship (Narrative Medicine)
Nive Mandohar, MPH(c)	1/19-5/19	TDI MPH Internship (Systematic Review)
Karen Winn, DNP, ANP	2013-2014	MGH IHP DNP Project (Shared Decision Making)
Kolu Clark, DNP, ANP	2014-2015	MGH IHP DNP Project (Shared Decision Making)
Connie Cowley, DNP, RN	2014-2015	MGH IHP DNP Project (Applied QI)
Holly Randall, DNP, PMHNP	2014-2015	MGH IHP DNP Project (Applied QI)
Miriam Barrientos, MSN	2013-2014	MGH IHP MSN Capstone (Improvement Coaching)

C. Medical Students: Not applicable.

D. Residents/Fellows

Name of Advisee/Mentee	Dates during which you advised/mentored	Name of Program
Kolu Clark, DNP, AGNP	2020-	VA Health Systems Redesign
Sarah Homann, MD, MPH(c)	2019-2020	VAQS Fellowship
Mark Eid, MD, MS(c)	2019-2021	VAQS Fellowship
Luke Barre, MD, MPH	2018-2019	D-H Leadership & Preventive Medicine Residency (LPMR)

E. Others (define): Not applicable.

XI. Advising/Mentoring (not research):

A. Undergraduate Students

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- Faculty Advisor for Undergraduate Nursing Students in Accelerated Bachelor of Science in Nursing (ABSN) program, MGH Institute of Health Professions, School of Nursing, Boston MA: 12 students per academic year meeting x1-3 per semester (2012-2016).

B. Graduate Students: Not applicable.

C. Medical: Not applicable.

D. Residents/Fellows: Not applicable.

E. Non-degree Program Students: Not applicable.

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F. Faculty

Name of Advisee/Mentee	Dates during which you advised/mentored	Name of program
Daniel Stadler, MD* (Improvement and Implementation Science)	2016-2019	None
Timothy Burdick, MD, MSc* (Improvement and Implementation Science)	2017-2020	None
Randall Messier, MS, MT** (Healthcare Improvement Measurement and Analytics)	2012-2020	None

* Via role as Principal Scientist (Improvement Science) at Dartmouth-Hitchcock Health and in Department of Community & Family Medicine at Geisel School of Medicine.

** Via roles as Lead Improvement Measurement Methodologist in the TDI Microsystems Academy (TDIMA), and as Principal Investigator of MS-CQI research study.

G. Others (define): Not applicable.

XII. Engagement, Community Service/Education

Dates	Institution/Organization	Course or Activity Title	Your Role	Hours/Year
2013-Present	Multiple Sclerosis Foundation/Concord Hospital Specialty Care Program, New Hampshire	Multiple Sclerosis Peer Wellness Outreach Program	Administrative & Research Director and Clinical Liaison to Peer Mentor Leaders	50 (volunteer)

XIII. Research Activities (reverse chronological order)

A. Sponsored Activity Present and Past (grants and contracts)

Dates (start and stop)	Your role	% effort	Sponsoring agency	Annual direct costs of the award
2019-2020 Crohn's & Colitis Foundation 3372 IBD Qorus: Quality of Care Program for Adult Patients with Inflammatory Bowel Disease	Co-PI with Gene Nelson, DSc, MPH	0.25	Crohn's & Colitis Foundation	\$225,000
2017-2019 Rx Foundation 0010 International Coproduction of Health Network (ICoHN)	Co-PI with Tina Foster, MD, MPH and Paul Batalden, MD	0.1	Robert Wood Johnson Foundation	\$75,000

2017-2019 Robert Wood Johnson Foundation 75081 International Coproduction of Health Network (ICoHN)	Co-PI with Tina Foster, MD, MPH and Paul Batalden, MD	0.1	Robert Wood Johnson Foundation	\$75,000
2017-2020 GODFRE17Q10 Cystic Fibrosis Foundation Learning and Leadership Collaboratives	Co-I with Margie Godfrey, PhD, MS	0.1	Cystic Fibrosis Foundation	\$280,000
2017 – 2018 Authentic Leadership Training Impact	PI (Supervising VAQS fellow C. Alexander, DNP, MPH)	N/A	Department of Veterans Affairs National Quality Scholars Program (VAQS)	Unfunded
2017-2020 Biogen 256833 The Multiple Sclerosis Continuous Quality Improvement Collaborative (MSCQI): A three year step-wedge randomized center level study comparing effectiveness of improvement and implementation science methods on MS system-level process and outcomes performance	PI	0.2	Biogen	\$600,000 Total: \$1.8M
2014-Present MSF0892	PI	Volunteer	Multiple Sclerosis Foundation	\$15,000

Multiple Sclerosis Peer Support and Wellness Program				
2015-2017 NMSS 1411-01998 Understanding the impact of nurse practitioners and physician assistants in multiple sclerosis care: A study of utilization, quality, and cost	PI	0.1	National Multiple Sclerosis Society (NMSS)	\$30,000 Total: \$245,000
2015-16* VA Nursing Academic Partnerships in Graduate Education: The VA Rural Health Scholars (VARHS) Program in Advanced Practice Nursing	PI		Department of Veterans Affairs Office of Academic Affiliations *MGH Institute is funded academic institution, I relinquished grant in July, 2016 upon transition to Dartmouth.	\$900,000.00 Total: \$3,500,000.00
2015-2016 TEVA99258 Mobile Smartphone Application for MS Fatigue	CO-I PI: Pamela Newland, PhD, RN	0.1	TEVA Neuroscience	\$20,000 Total: \$100,000
2014-2015 TEVA099282 Improving the Quality of MS care in Primary care	CO-I	0.1	TEVA Neuroscience & Novartis	\$141,000
6/11-3/12 Shared Decision Making Guide for Primary Care Clinicians	Consultant PI: Susan Berg, MS		Unfunded	N/A
2009-2011 Bayer833392	PI	0.1	Bayer Healthcare	50,000

Self-efficacy improvement in Multiple Sclerosis				
4/08-8/10	CO-I	-		Unfunded
Phenomenology of Chronic Med-Psych Illness	PI: Delia Cimpean, MD1			
2005-2007	PI		TEVA Neuroscience	\$35,000
TEVA111370 Targeted psycho-educational intervention in multiple sclerosis: A pilot study of the MS Learning Lab				
2005-2006	PI	0.1	Quality Research Grant Program (QRGP), DHMC	\$10,000
Screening and treatment of depression in Multiple Sclerosis: A pilot study				

B. Pending submissions:

Dates (start and stop)	Your role	% effort	Sponsoring agency	Annual direct costs of the award
Project title and award number				
ICoHN Value Creation CO-VALUE Study (2020-21)	PI	0.2	Donaghue Foundation	\$200,000
Next Generation Learning Health System for MS (Next-Gen MS) International Improvement Research Collaborative (2020-23)*	PI	0.2	EMD Serono	\$200,000
				Total: \$600,000 (Dartmouth)
				\$2.4M Overall Study (multicenter)*

*Funding awarded in 2019, currently in contracting process (April, 2020)

C. Clinical Faculty: Not applicable.

XIV. Program Development

Title or Project Description	Type (i.e., educational, research or clinical)	Stated mission/aim of program	Your role	Relevant dates in which you are/were involved	Cohort of program (e.g., if students, residents, faculty; participant number)	Assessments by which impact of program has been measured
TDI Microsystem Academy (TDIMA)	Education	Development of improvement measurement curriculum pathway, teaching in national improvement collaboratives internationally, mentorship of junior faculty.	Lead Measurement Faculty	2012-2016	None	See Godfrey & Oliver (article, 2014)
Collaboratory for Implementation Science at Dartmouth	Research	Improvement scientist and measurement methodologist assisting clinicians and researchers in the D-H and Geisel communities	Improvement & Implementation Scientist	2016-2018	None	None
Department of Veterans Affairs VA National Quality Scholars Program (VAQS)	Education	Curriculum lead for national improvement measurement curriculum and advanced skills special interest group. Design, teaching, and leadership of national program in improvement measurement and analytics for post-doctoral fellowship program.	Faculty Senior Scholar, measurement curriculum lead faculty	2014-Present	VAQS	Bi-annual knowledge and attitudes assessment
VA Nursing Academic Partnerships for Graduate Education (VANAP-GE)	Education	Inaugural Co-director and PI of \$3.4M grant in 2017 for New England Regional Academic-Clinical	Program Co-Director	2015-2017	VANAP-GE	Annual residency assessment

		Partnership between the White River Junction VA Medical Center and the MGH Institute of Health Professions School of Nursing to create the Rural Health Scholars “Clinician-Leader-Improver” Nurse Practitioner Residency Program for Adult and Geriatric Primary Care				
MGH IHP School of Nursing	Education	Healthcare quality improvement and improvement science curriculum pathway design, integration, and linked implementation across degree programs (ABSN, MS, and DNP) including associated residency (VANAP) and post-doctoral fellowship programs (VAQS).	Development Lead	2013-2016	MGH IHP	Outcomes and experience measures annually

XV. Entrepreneurial Activities: Not applicable.

XVI. Major Committee Assignments

A. National/International

Dates	Committee name	Your role	Institution/organization
2019-Present	National Nursing Leadership Planning Committee	Committee Member	Health Professions Education Summer Symposium (HPESS)

2015-Present	BMJ/IHI International Improvement Scientific Symposium	Abstract Reviewer	BMJ/IHI Sweden
2015	Health Services Research (HSR&D) National Fellowship Program	Proposal Reviewer	Office of Academic Affairs (OAA), Department of Veterans Affairs
2015-Present	QSEN Institute National Conferences	Abstract Reviewer	QSEN Institute
2013-14	Discontinuation of Disease-Modifying Treatment for Multiple Sclerosis. Evidence Report/Technology Assessment	Key Informant and Reviewer	Agency for Healthcare Research and Quality Rockville, MD
1/10-9/11	Multiple Sclerosis Clinical Practice Guideline Consensus Committee	Contributor: <i>AANN/IOMSN/ARN Multiple Sclerosis Clinical Practice Guidelines</i>	Consortium for Multiple Sclerosis Centers, American Academy of Neuroscience Nursing

B. Regional: None

C. Institutional

Dates	Committee name	Your role	Institution/organization
2020-Present	Faculty Council (representing Dept. of Community & Family Medicine)	Member	Geisel School of Medicine at Dartmouth
2019-Present	D-H IRB	IRB Committee Member	D-HH
2019-Present	Hitchcock Foundation Board of Trustees	Trustee	D-HH
2018-Present	CFM Advisory Committee	Faculty committee member	D-HH/Geisel (CFM)
2017-Present	Committee for Protection of Human Subjects (CPHS)	IRB Committee Member	Dartmouth College
2014-2016	Curriculum Committee	Member	MGH Institute School of Nursing
2013-2016	QI Integration Task Force	Chair	MGH Institute School of Nursing

2011	INBRE Nursing Research Summer Internship Program	Faculty	Dartmouth College
9/09-7/12	Nursing Continuing Education Committee	Educational Planner/Committee Member	DHMC

XVII. Memberships, Office and Committee Assignments in Professional Societies

Dates	Committee name	Your role	Institution/organization
2012-Present	None	Member	Sigma Theta Tau Honor Society in Nursing Upsilon Lambda Chapter Boston, MA
2012-2017	Advisory	Member	National MS Society Healthcare Advisory Committee
2012-2016	None	Member	Academy for Healthcare Improvement (AHI)
2012-2014	Research	Co-Chair, Research Committee	Int. Organization of Multiple Sclerosis Nurses (IOMSN)
2011-2017	None	Member	Eastern Nursing Research Society (ENRS)
2010-2014	Board of Directors	Director	Int. Organization of Multiple Sclerosis Nurses (IOMSN)
2006-2012	None	Member	American Academy of Neuroscience Nurses (AANN)
2005-Present	None	Member	Consortium of Multiple Sclerosis Centers (CMSC)
2005-Present	Research	Member	Int. Organization of Multiple Sclerosis Nurses (IOMSN)
2005-2011	None	Member	NH Nurse Practitioner Association (NHNPA)
2003-2004	None	Boston Area Regional Representative	MA Coalition of Nurse Practitioners (MCNP)

XVIII. Institutional Center or Program Affiliations: Not applicable

XIX. Editorial Boards

Dates	Society/Journal	Your role
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2013-14	AHRQ Publication No. XX EHCXXXEF Butler ME, Forte M, Schwehr-Cherba N, Carpenter A, Kane RL. <i>Discontinuation of Disease-Modifying Treatment for Multiple Sclerosis. Evidence Report/Technology Assessment.</i> (Prepared by the Minnesota EPC Evidence-based Practice Center under Contract No. 290-2012-00016I.)	Key Informant, Content Expert
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XX. Journal Referee Activity

Dates	Society/Journal	Your role	Frequency of review for each journal/society
2020-Present	ISQua	Reviewer	Annual
2017-Present	Journal for Healthcare Quality (JHQ)	Reviewer	Quarterly
2016-Present	BMJ Quality & Safety	Reviewer	Annual-Biannual
2016-Present	Institute for Healthcare Improvement	Scientific Symposium Reviewer	Annual

XXI. Awards and Honors

Date	Award name
2012	Sigma Theta Tau Honor Society in Nursing MGH Institute, Boston, MA
2003-2004	Nursing Education Loan Repayment (NELRP) U.S. Dept. Health & Human Services
2002	Adele Corkum Scholarship in Nursing MGH Institute, Boston, MA
1995	Phi Beta Kappa Honor Society University of Massachusetts, Amherst
1995	Massachusetts Commonwealth Scholar University of Massachusetts, Amherst

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XXII. Invited Presentations

A. International

Date	Topic/title	Sponsoring Organization	Location
2/28/20	^*Learning Health Systems for Improvement, Research and Polulation Health: Examples from MS and IBD efforts underway in two countries. Co-presented with Martin Geljner, MD	Jonkoping Microsystem Festival, Jonkoping Academy and Region Jonkoping, Sweden	Jonkoping, Sweden
12/10/19	^*Coproduction Value Creation Simulation. Co-presented with Paul Batalden, MD	Institute for Healthcare Improvement (IHI)	Orlando, FL, USA
12/8/19	^*The Multiple Sclerosis Continuous Quality Improvement Collaborative (MS-CQI): Interim year 2 results of the 3-year multi-center step-wedge randomized study.	Institute for Healthcare Improvement (IHI)	Orlando, FL, USA
10/23/19	^*Starting a Coproduction Learning Health System. Co-presented with G. Elwyn, G. Nelson, and A. Van Citters.	ISQua	Cape Town, South Africa
10/22/19	^*Building Coproduction Communities of Practice. Chairperson: Co-presented with B. Anderson Gare, G. Nelson, G. Elwyn, T. Foster, A. Gremyr, A. Van Citters, and C. Von Plessen.	ISQua	Cape Town, South Africa
10/20/19	^*Person Reported Outcome Measures for Healthcare: Basic and Advanced Applications. Co-presented with G. Nelson, DSc, MPH and E. Zimlichman, MD	ISQua	Cape Town, South Africa
6/18/19	*The MS Continuous Quality Improvement Collaborative (MS-CQI): Year 2 results and Improvement Science Implications.	Sheffield Microsystem Coaching Academy (MCA) International Expo	Sheffield, UK
5/28/19	*Developing an Assessment Method for Coproduction Value Creation in Healthcare Service: The Co-VALUE mixed methods research protocol.	IIAS Coproduction Study Group	Leuven, Belgium
10/1/18	*Concept-forward performance measurement dashboards: Improvement and informatics considerations.	TDI Microsystems Academy Annual Retreat	Dartmouth College, Hanover, NH

9/23/18	^*Person Reported Outcome Measures for Healthcare: A Practical Application Workshop Co-presented with Gene Nelson, DSc, MPH	ISQua	Kuala Lumpur, Malaysia
3/7/18	*Facilitating and applying improvement measurement for front-line improvement: Theory and applied skills lab for improvers and coaches	Stockholm Quality Register Collaborative	Stockholm, Sweden
3/6/18	*Creating the conditions for quality and value measurement to foster an accountable care and co-production healthcare environment: Models, methods, and application approaches	Stockholm Quality Register Collaborative	Stockholm, Sweden
3/2/18	^*Organic development of a multiple sclerosis outreach wellness co-production program.	Jonkoping Microsystem Festival Scientific Day	Jonkoping, Sweden
3/2/18	^*Reducing unwarranted emergency department and hospital utilization for frail elders in rural residential care facilities: A hybrid improvement-implementation approach	Jonkoping Microsystem Festival Scientific Day	Jonkoping, Sweden
6/3-6/4/16	*Measurement sustainability for multi-system improvement collaboratives.	QRC Stockholm	Stockholm, Sweden
6/16/16	^*Balanced improvement measurement	CF Canada	Victoria, BC (Canada)
9/1/15	*Utilizing QRC registries for QI	Stockholm QRC	Stockholm, Sweden
2/23/15	^*Shared Decision Making Seminar Co-Presenter: Dale Collins Vidal, MD, MS	Jonkoping University	Gottenburg, Sweden
2/27/15	^*Quantifying multilevel measurement linkages using SEM methods	Jonkoping Microsystem Festival	Jonkoping, Sweden
2/26/15	^*Practical linkage of macro- and micro- level drivers in QI. Part of QI microsystems platform with M. Godfrey, PhD, RN; and G. Nelson, DPH	Jonkoping Microsystem Festival	Jonkoping, Sweden
2/20/15	*Practical QI Measurement Linkage Micro-, Meso-, Macro- levels	Stockholm QRC	Stockholm, Sweden
9/15/14	*Linking Registry and Microsystems Data	Stockholm QRC	Stockholm, Sweden
5/22/14	^*SPC and Driver Diagrams for QI	Canadian CF Foundation	Toronto, Canada
10/2/13	*QI Measurement Fundamentals	Ireland ED QI Collab	Ireland (Webinar)
1/23/13	^*Basic & Intermediate QI Measurement* Co-Faculty with M. Godfrey, MS, RN	Practice Support Program	Vancouver, Canada
3/12	^*QI Measurement Fundamentals	Karlstad University	Sweden (Webinar)

B. National

Date	Topic/title	Sponsoring Organization	Location
10/17/19	Leveraging Learning Health Systems and Improvement Science to Optimize Outcomes for People with Multiple Sclerosis	Biogen	Boston, MA
8/12/19	^*Value-Creation in Coproduction of Healthcare Service: An Interactive Simulation Workshop Co-Faculty with P. Batalden, MD	VAQS Summer Institute	Houston, TX
5/30/19	*The MS Continuous Quality Improvement Collaborative (MS-CQI): An Academic-Clinical Partnership Learning Health System for Improvement Science Research	Quality and Safety Education for Nursing Institute (QSEN)	Nashville, TN
5/8/19	*The MS Continuous Quality Improvement Collaborative (MS-CQI): Year 2 Results.	American Academy of Neurology (AAN)	Philadelphia, PA
8/5/18	*Bringing Systems Level Quality Improvement to Multiple Sclerosis: Co-Production Perspectives	National MS Society	Concord, NH
5/15/18	*Wellness and Improvement in Multiple Sclerosis: The MSCQI Collaborative	National MS Society	Stowe, VT
10/17/17	^*Authentic Leadership for Improvement (Panel Facilitator)	QSEN	Cleveland, OH
10/20/17	^*Measurement Dashboard Development	Cystic Fibrosis Foundation	Indianapolis, IN
10/1/17	^*Co-production of MS care: MSCQI	TDIMA Retreat	Hanover, NH
7/22/17	*Wellness Outreach for MS	National MS. Society	Concord, NH
6/8/17	^*Applied Improvement Measurement	Baylor College of Med.	Houston, TX
12/4/16	^*Improvement Capability via Coaching Co-presenters: M. Godfrey (lead), A. Nilsson, and U. Geary	IHI National Forum	Orlando, FL

10/26/16	^*Clinical Value Compass for Co-Production	Cystic Fibrosis Foundation	Orlando, FL
9/30/16	^*Accelerating Measurement for QI	TDIMA Fall Retreat	Hanover, NH
9/6/16	^*Measurement Fundamentals Lead Presenter: With L. Boehm, PhD, RN, & R. Romano, MSN, ANP-BC.	VAQS	National Webinar
8/5/16	^*Improvement Collaborative Simulation	VAQS Summer Institute	Houston, TX
8/4/16	^*Measurement for high reliability	VAQS Summer Institute	Houston, TX
7/13/16	^*Integrated improvement measurement	Cystic Fibrosis Foundation	Hanover, NH
5/26/16	^*QI Fundamentals I & II Lead Presenter: With S. Miltner, PhD, RN; C. Cowley, DNP & C. Alexander, DNP	QSEN National Forum	San Diego, CA
5/10/16	*Measurement for Microsystem. Improvement	Dartmouth Institute	Hanover, NH
4/15/16	*Attribute and Variable Level SPC	VAQS	National Webinar
4/7/16	^*Mesosystem Measurement for CF Care	Cystic Fibrosis Foundation	Boston, MA
4/5/16	^*Measuring Quality & Value in CF Care	Cystic Fibrosis Foundation	Boston, MA
3/20/16	^*Improvement Collaborative Simulation. Lead Presenter with Godfrey MM, Foster T & Messier R.	Inst. Healthcare Improvement (IHI)	Orlando, FL
12/8/15	^ <i>Shared Decision Making in MS</i> with M. Racke and P. Coyle	CME Outfitters, Inc.	Washington, DC (National Telecast)
10/9/15	^* <i>Non-Rx Treatments for Depression</i>	Cystic Fibrosis Foundation	NACFC, Phoenix, AZ
10/7/15	^* <i>Improvement Fundamentals for CF</i>	Cystic Fibrosis Foundation	NACFC, Phoenix, AZ
10/7/15	^ <i>Cascading Measurement for QI</i>	Cystic Fibrosis Foundation	NACFC, Phoenix, AZ
10/1/15	^* <i>Innovation in QI Education</i>	TDIMA Retreat	Dartmouth College, NH

9/23/15	<i>^*QI Measurement Fundamentals</i>	VAQS	U.S. National (Webinar)
6/9/15	<i>^*Cascading Measures for QI</i>	Cystic Fibrosis Foundation	Minneapolis, MN
6/7/15	<i>*Practical Wellness for MS Self-Care</i>	National MS Society	Concord, NH
5/22/15	<i>*Intermediate Measurement for QI with Daisy Goodman, DNP, MPH</i>	VAQS	National (webinar)
3/28/15	<i>^*Cascading Measurement Methods</i>	Cystic Fibrosis Foundation	Baltimore, MD
3/28/15	<i>^*Measurement Fundamentals for QI</i>	Cystic Fibrosis Foundation	Baltimore, MD
3/27/15	<i>^*Data Displays for Applied QI</i>	Cystic Fibrosis Foundation	Baltimore, MD
3/27/15	<i>^*Microsystem Context Assessment</i>	Cystic Fibrosis Foundation	Baltimore, MD
3/27/15	<i>^*Value Stream Mapping for CF</i>	Cystic Fibrosis Foundation	Baltimore, MD
12/8/14	<i>^*Micro-/Meso-/Macrosystem Big Room Co-presenter with Godfrey MM, and Harrison S.</i>	Institute for Healthcare Improvement	Orlando, FL
10/11/14	<i>^*Mesosystem Measurement Approaches</i>	Cystic Fibrosis Foundation	Atlanta, GA
6/10/14	<i>*MS Mental Health Management</i>	MS Cure Fund	Billerica, MA
6/26-27 2014	<i>^*SPC, QI Cascading Dashboards</i>	Cystic Fibrosis Foundation	Omaha, NE
4/17/14	<i>*Shared Decision Making in MS</i>	MS Cure Fund	Lebanon, NH
3/9/14	<i>^*Cultivating Improvement Capability</i> Co-faculty: M. Godfrey, AM. Hess, D. Anderson, S. Harrison	IHI	Washington, DC
1/24/14	<i>*Statistical Process Control</i>	VAQS	National Video Conference
9/28/13	<i>^*DMT Management in MS</i>	MedIQ CME	Pittsburgh, PA
9/26/13	<i>^*Effective Presenting for Faculty</i>	IOMSN	Teaneck, NJ

8/17/13	^* <i>DMT Management in MS</i>	MedIQ CME	Tampa, FL
6/29/13	* <i>Beyond Diagnosis: Coping with MS</i>	National MS Society	Manchester, NH
6/18-20, 2013	^* <i>Advanced QI Measurement Seminar</i>	Cystic Fibrosis Foundation	Minneapolis, MN
6/14/13	* <i>Comprehensive MS Care Approaches</i>	National MS Society	Manchester, NH
6/1/13	^* <i>Clinical Strategies for QOL in MS.</i> Chair, co-faculty M. Franco, PsyD, MSW, MSCS & P. Kennedy, NP, MSN, MSCN	CMSC	Orlando, FL
5/18/13	* <i>Behavioral Wellness Strategies for MS</i>	National MS Society	Stowe, VT
4/28/13	* <i>Multiple Sclerosis Neuropsychiatry</i>	National MS Society	Concord, NH
4/24/13	* <i>Setting Expectations for MS Coping</i>	NMSS Support Group	Dover, NH
4/18/13	* <i>Cognition in Multiple Sclerosis</i>	NMSS Support Group	Concord, NH
4/13/13	^* <i>Caring for the Patient with MS</i> Chairperson and Faculty Presenter	IOMSN	Portsmouth, NH
4/8/13	^* <i>Caring for the Patient with MS</i>	IOMSN	Portland, ME
4/12/13	^* <i>Introduction to research methodology</i>	HTRS	Charlotte, NC
4/10/13	^* <i>DMT treatment management in MS</i>	Med IQ CME	Online CME Webcast
4/5/13	^* <i>Caring for the patient with MS</i>	IOMSN	Portland, ME
1/17/13	^* <i>QI Coaching and QI Measurement:</i> Co-Faculty with M. Godfrey, MS, RN	AACN	New Orleans, LA
10/20/12	* <i>Family Coping in Multiple Sclerosis</i>	National MS Society	Worcester, MA
9/20/12	^* <i>MS Immunotherapy CME Update</i>	Med IQ CME	Online CME Webcast
9/15/12	* <i>Cognitive Strategies for MS</i>	National MS Society	Springfield, VT
7/11/12	* <i>Depression in MS</i>	IOMSN	U.S. National (Teleconference)

3/12	<i>*Wellness Approaches for MS: Co-Presented with M. Franco, PsyD, MSW</i>	National MS Society	Meredith, NH
3/12	<i>^*Applied Measurement in QI</i>	Cystic Fibrosis Foundation	Webinar (USA National)
3/12	<i>^*Advanced Measurement in QI</i>	Cystic Fibrosis Foundation	Minneapolis, MN
2/11	<i>^*Psychosocial Screening in MS</i>	IOMSN	National Teleconference
12/09	<i>*Practical MS Immunology for Patients</i>	National MS Society	Keene, NH
5/09	<i>^*Guided Imagery Training for MS: Panel Participant: M. Franco, PsyD, MSW, Chair</i>	CMSC	Atlanta, GA
3/09	<i>*Depression, Fatigue & Cognition in MS</i>	National MS Society	DHMC, Lebanon, NH
9/08	<i>*Mood vs. Cognitive Disorders in MS</i>	National MS Society	Concord, NH
6/07	<i>*MS Overview for PTs, OTs, and SLPs</i>	National MS Society	Keene, NH
5/07	<i>*Neuropsychiatry in Multiple Sclerosis</i>	National MS Society	Attelboro, MA

C. Regional/Local

Date	Topic/title	Sponsoring Organization	Location
4/5/19	<i>^*The MS Continuous Quality Improvement Collaborative (MS-CQI): Developing coproduction approaches using improvement science and learning health system approaches.</i>	Dartmouth-Hitchcock Annual Nursing Research Symposium	Lebanon, NH
10/19/16	<i>^*Creating Improvement Capability</i>	CT Nurses' Association	Cromwell, CT
10/28/16	<i>*PDSA and QI Measurement Simulation</i>	Sacred Heart College	Fairfield, CT
1/11/16	<i>*Improvement Sci. Ed. Innovation</i>	School of Health and Rehabilitation Sciences	MGH Institute, Boston, MA

10/22/15	^*Primary Care Management of MS	Partners Healthcare	Charlestown, MA
6/12/14	*SPC, Cascading Measures for QI	Carolinas Health	Charlotte, NC
4/17/14	*Transparency in Improvement Science	Colby Sawyer College	New London, NH
6/12/14	*QI Leading & Lagging Measures, SPC	Carolinas Health	Charlotte, NC
2/20/14	*Shared Decision Making in MS	NMSS Support Group	Concord, NH
11/11	^*Multiple Sclerosis Essentials	U. Southern Florida	Boston, MA
10/11	^*Implementation of QI Projects	Am. Coll. Physicians	Lebanon, NH
9/11	^*Critical Appraisal of Research Evidence	Nursing Grand Rounds	DHMC, Lebanon, NH
9/11	*Neuropsychiatry in MS	MS Association of America	Lebanon, NH
9/11	^*Neuropsychiatry of Chronic Disease	St. Anselm's College	Kennebunkport, ME
5/11	^*Neuropsychiatry of Chronic Illness	Boston College	Boston, MA
5/11	^*Multiple Sclerosis 101	Boston College	Boston, MA
5/11	^*MS Neurological Examination	Boston College	Boston, MA
5/11	*Self-Management in MS	National MS Society	Teleconference (N.E. Regional)
4/11	^Introduction to SPC for QI	ACE Program/TDI	Regional Webinar (NH)
4/11	*MS Symptom Management	Albany Med. Center	Albany, NH
4/11	*MS Epidemiology and Assessment	Neuropsychology Fellowship	Dartmouth College
3/11	^*QI for Preventative Ethics Co-Presented with Bill Nelson, PhD	VT Ethics Network	Randolph, VT
2/11	*Microsystems in Healthcare QI	NYU School of Nursing	New York, New York
11/10	^*Geriatric Considerations in MS	TDI/NNEGEC	DH, Lebanon, NH

11/10	*Essentials for the Newly Diagnosed	National MS Society	Teleconf. (NH, VT, ME, CT, NY)
11/10	*Intro to Research Methodology	Nursing Research Academy	DHMC, Lebanon, NH
9/10	^*Mood Disorders in Autoimmune Disease	N.E. Region Psychiatry	Kennebunkport, ME
9/10	^*MS-Psych Microsystem Study	Nursing Grand Rounds	DHMC, Lebanon, NH
5/10	^*Neuro Assessment in Primary Care	Boston Univ./MCNP	Manchester, NH
5/10	*MS Neuropsychiatry Update	National MS Society	Jackson, NH
5/10	*MS Coping Skills 101	National MS Society	N.E. Region (Teleconference)
2/10	^*QI in Graduate Nursing Education Co-Presenter with M. Splaine, MD, MS	AACN	New Orleans, LA
11/09	*MS Coping Skills 101	National MS Society	N.E. Region (Teleconference)
7/09	^*Microsystems in MS Mental Health	DHMC Cont. Ed.	Lebanon, NH
6/09	^*MS Immunopathology and Imaging	Univ. of Southern Florida School of Nursing	Hanover, NH
6/09	^*Ambulatory Mental Health Update	DHMC Cont. Ed.	Lebanon, NH
2/09	*Diff. Dx. of MS NeuroPsych Disorders	National MS Society	Teleconference (NH & VT)
11/08	^*Symptom Management in RRMS	DHMC Cont. Med. Ed.	Monadnock Hospital, NH
10/08	^*Descriptive Research Methodologies	DHMC Con't Med. Ed.	Lebanon, NH
10/08	^*Pt. Ed. and Nursing Mgmt. in MS	D-H Office of Prof. Development	Springfield Hospital, VT
9/08	^*Collaborative Management of MS	DHMC Cont. Med. Ed	New London Hospital, NH
9/08	^*Critical Appraisal of RCTs	TDI Nursing Journal Club	TDI, Lebanon, NH
5/08	^*Psychiatric Problems/Emergencies	DHMC Cont. Med. Ed.	Lebanon, NH

3/08	^*Medical Grand Rounds: MS for PCPs	DHMC	Manchester, NH
10/07	^*MS for Non-MS Specialists Conference Chair	IOMSN	DHMC, Lebanon, NH
10/07	^*Applied Case Studies in MS K. Ryan, RN, & S. McGrath, NP, Co-Presenters	UVM Coll. of Medicine	Stowe, VT
5/07	*Collaborative Management of MS	GIM Residency Program	DHMC, Lebanon, NH
5/07	^*Psychiatry and Chronic Illness	Boston College/MCNP	Westford, MA
10/06	^*MS Neuropsychiatry for Neurologists	NE Neurological Society	Portsmouth, NH
5/06	^*Differential Diagnosis on Neuro Exam	Boston College/MCNP	Boston, MA
9/03	^*Management Model for Chronic Illness	Harvard Med. School	Boston, MA
4/03	*Integrated Med-Psych Primary Care	MGH Inst. Health Prof.	Boston, MA
4/01	^*PBL in Clinical Education C. King, MS, NP, Co-Presenter	Northeastern University	Boston, MA

Key: ^ = CME/CEU accredited; * = Peer-reviewed/invited

XXIII. Bibliography

A. Peer-reviewed publications in print or other media

Most significant publications:

1. **Stadler DS, Oliver BJ, Raymond JG, et al.** (2019). Reducing Avoidable Facility Transfers (RAFT): Minimizing unwanted and unwarranted emergency care for patients of Skilled Nursing Facilities. *Journal of the American Medical Director's Association (JAMDA)*. Published ahead of print. Available: <https://doi.org/10.1016/j.jamda.2019.03.010>.
2. **Oliver BJ, Nelson E, Kerrigan CK** (2018). Turning “*Feed-Forward*” Patient Reported Outcomes (PRO) data into information to take intelligent action and improve outcomes: Case studies and principles to aid score interpretation and care planning. *Medical Care: 57:5 (Supplement 1): S31-S37*.
3. **Oliver BJ, Pomerleau M, Potter M, Phillips A, Carpenter S, Cieslielski S, Pusey-Reid E, Marcous A, Grobecker P** (2018). Optimizing NCLEX-RN first time pass rate performance using an Educational Microsystems improvement approach. *Journal of Nursing Education; 57(5): 265-74*.

4. **Oliver BJ**, Potter M, Pomerleau M, Phillips A, O'Donnell M, Cowley C, Sipe M (2017). Rapid improvement science curriculum integration across programs in a school of nursing. *Nurse Educator*; 42(5S): S38-43.
5. Godfrey MM, **Oliver BJ** (2014). Accelerating the Rate of Improvement in Cystic Fibrosis Care: Contributions and Insights of the Learning and Leadership Collaborative. *BMJ Quality & Safety*; 23:i23-i32. doi:10.1136/bmjqs-2014-002804.
6. Estrada CA, Dolansky MA, Singh MK, **Oliver BJ**, Callaway-Lane C, Splaine M, Gilman S, Patrician PA (2012). Mastering improvement science skills in the new era of quality and safety: The Veterans Affairs National Quality Scholars Program. *J Eval Clin Pract*. DOI: <http://dx.doi.org/10.1111/j.1365-2753.2011.01816.x>.
7. **Oliver BJ**, Kohli E, Kasper, LH (2010). Interferon therapy in relapsing-remitting multiple sclerosis: A systematic review and meta-analysis of the comparative trials. *Journal of Neurological Sciences*; doi: <http://dx.doi.org/10.1016/j.jns.2010.11.003>.

All other publications (excluding any listed in part 1) as noted in b-d below:

1. Hakim H, Newland P, **Oliver BJ** (2020). Initial User Testing of Decision Aids for Multiple Sclerosis Disease-Modifying Therapies. *Journal of Neuroscience Nursing*; 52(4). doi: 10.1097/JNN.0000000000000521.
2. Horstman MJ, Miltner RS, Wallhagen MI, Patrician PA, **Oliver BJ**, Roumie CL, Dolansky MA, Perez RA, Naik AD, Godwin K. (2020). Developing Leaders and Scholars in Healthcare Improvement: The VA Quality Scholars Program Competencies. *Academic Medicine* (in press).
3. Newland P, **Oliver BJ**. (2019). Testing feasibility of a mobile application to monitor fatigue in people with multiple sclerosis. *Journal of Neuroscience Nursing*; 51(6): 331-34. doi: 10.1097/JNN.0000000000000479.
4. Barre L, **Oliver BJ**, Alexander-Scott N, et al. (August, 2019). Impact of State Regulations on Initial Opioid Prescribing Behavior in Rhode Island. *Rhode Island Medical Journal (RIMJ)*: 21-23.
5. Newland P, Hendricks-Ferguson VL, Smith JM, **Oliver BJ** (2017). Recommendations and extraction of clinical variables of pediatric Multiple Sclerosis using Common Data Elements. *Journal of Neuroscience Nursing*; 50(3): 171-76.
6. Newland P, **Oliver BJ**, Smith J, Hendricks-Ferguson VL (2016). Case study of an adolescent young adult patient with multiple sclerosis and unpredictable fatigue. *Journal of Hospice & Palliative Nursing*. doi: 10.1097/NJH.0000000000000287.
7. Goodman D, Ogrinc G, Davies LG, Baker R, Barnsteiner J, Foster TC, Gali K, Hilden J, Horwitz LI, Kaplan HC, Leis J, Matulis JC, Michie S, Miltner R, Neily J, Nelson WA, Niedner M, **Oliver BJ**, Rutman L, Thomson R, Thor J (2016). Explanation and elaboration of the SQUIRE (Standards for Quality Improvement Reporting Excellence) Guidelines, V.2.0: Examples of SQUIRE elements in the healthcare improvement literature. *BMJ Qual Saf (Online)*. Available: <http://dx.doi.org/10.1136/bmjqs-2015-004411>.

8. **Oliver BJ** (2009). Primary Management of Fatigue and Relapses in Relapsing-Remitting Multiple Sclerosis. *Nurse Practitioner*; 34(9): 10-14.

Reviews:

1. Manohar N, Perkins T, Laurion R, **Oliver BJ**. (2019). Patient Reported Outcomes in Multiple Sclerosis. *Journal of Clinical Outcomes Management*; 26(6): 277-288.

Books/Book Chapters/Monographs:

1. **Oliver BJ**, Mechella J, Hess AM, and Nelson (2019, in Press). *Creating an Actionable Information Environment for Improvement in Healthcare*. In Godfrey MM, Foster T, and Johnson J. Quality by Design (2nd Ed.). New York: Josey-Bass.
2. Foster T, **Oliver BJ**, Langstrom G (2019, in Press). *Innovation for Healthcare Quality Improvement and Interprofessional Education*. In Godfrey MM, Foster T, and Johnson J. Quality by Design (2nd Ed.). New York: Josey-Bass.
3. **Oliver BJ** (2017) *Crisis Intervention*. In Potter M. and Moller M. Psychiatric Mental Health Nursing: From Suffering to Hope (Second Ed). Hoboken, NJ: Pearson.*
4. **Oliver BJ** (2015) *Crisis Intervention*. In Potter M. and Moller M. Psychiatric Mental Health Nursing: From Suffering to Hope (577-90). Hoboken, NJ: Pearson.

Other scholarly work in print or other media:

PhD Dissertation

Oliver BJ (2012). Modifiable factor relationships with biopsychosocial disability in multiple sclerosis. Defended at Dartmouth College, June 2012. Committee: S. Bartels, MD, MS (Chair), G. McHugo, PhD (Methodologist/2nd Reader), R. Drake, MD, PhD (3rd Reader), L. Iezzoni, MD, MSc (External Member, Harvard Medical School). Open Source Access via Dartmouth Digital Library Collection.

Contributor/Committee Member/Advisory Panel Member

Advisory Panel Member for Ogrinc G, Armstrong GE, Dolansky MA, Singh MK, Davies L. (2019). *SQUIRE-EDU (Standards for Quality Improvement Reporting Excellence in Education): Publication Guidelines for Educational Improvement*. *Academic Medicine* (April, 2019). doi: 10.1097/ACM.0000000000002750.

Contributing Author (2011). *Nursing Management of the Patient with Multiple Sclerosis: AANN, ARN, and IOMSN Clinical Practice Guideline Series*. Thompson HJ, & Mauk KL, Eds. Available: <http://www.aann.org/pubs/content/guidelines.html>.

Shared Decision Making, Decision Aids, Decision Support

Oliver BJ (2017). *Facilitating shared decision making for multiple sclerosis disease modifying treatments: An approach for patients and clinicians using real-time role play scenarios*. Enduring online video-based program. Produced in collaboration with @Point of Care Healthcare Continuing Education.

Oliver BJ (2018). *Facilitating effective decision support for self-monitoring and adverse event reporting for people with cancer who are on Checkpoint Inhibitor treatment: An approach for patients and clinicians using real-time role play scenarios*. Enduring online video-based program. Produced in collaboration with @Point of Care Healthcare Continuing Education.

Key: Underline= Mentee/Learner

C. Abstracts

Platform Presentations:

1. Eid M, Goldwag J, **Oliver BJ**, Ivatury J (May, 2020). Decreasing ileostomy readmissions in a rural healthcare setting: A quality improvement initiative. *Vermont chapter of the American College of Surgeons*.
2. **Oliver BJ**, for the MSCQI Investigators (December, 2019). The Multiple Sclerosis Continuous Improvement Collaborative (MS-CQI): Interim results of the 3-year prospective multicenter step-wedge randomized study. *The Institute for Healthcare Improvement Annual Summit; Orlando, Florida. BMJ Open; 8(2): (Suppl 2) A11-A14; doi: 10.1136/bmj-2019-ihl.7*.
3. **Oliver BJ**, for the MSCQI Investigators (October, 2019). The Multiple Sclerosis Continuous Improvement Collaborative: A Coproduction Research Learning Health System for Costly Complex Chronic Illness Care. *The International Society for Quality in Health Care (ISQua) Annual International Conference; Cape Town, South Africa*.
4. **Oliver BJ** (June, 2019). Coproduction Learning Health System Collaboratives— A new type of Academic-Clinical Partnership: Examples from the MS-CQI Research Collaborative. *QSEN Annual International Conference; Cleveland, OH*.
5. **Oliver BJ**, Messier R, Hall A, et al. for the MSCQI Investigators (June, 2019). The Multiple Sclerosis Continuous Improvement Collaborative: Improvement Science and Coaching Applications in a Multicenter Outcomes Research Study. *Sheffield Microsystem Coaching Academy Annual International Expo; Sheffield, United Kingdom*.
6. **Oliver, BJ**, Batalden PB, Forcino R, for the ICoHN CO-VALUE Investigators (May, 2019). *Coproduction Creation of Value in healthcare services (CO-VALUE): A mixed methods research protocol to develop and assess of a model of value creation in systems of co-produced healthcare services*. IAS Coproduction Study Group, Leuven, Belgium.
7. **Oliver BJ** (April, 2019). Developing a National Multi-Center Improvement Science Research Collaborative for the Study of a Complex Chronic Illness Population. *Third Annual Dartmouth-Hitchcock Nursing Research Symposium; Lebanon, NH*.

8. **Oliver BJ, Stadler D, Flaherty E, Raymond, Routzkin G, and Bartels S** (December, 2017). Reducing unwanted and unwarranted emergency department and hospital care utilization in frail elders residing in skilled nursing facilities: A hybrid improvement-implementation approach. IHI Scientific Symposium on Improving the Quality and Value of Health Care, Orlando, FL. *BMJ Open Quality*; 6(S1):A36-37.
9. **Oliver BJ, Stadler D, Flaherty E, Raymond, Routzkin G, and Bartels S** (December, 2017). *Reducing unwanted and unwarranted emergency department and hospital care utilization in frail elders residing in skilled nursing facilities: A hybrid improvement-implementation approach.* IHI Scientific Symposium on Improving the Quality and Value of Health Care, Orlando, FL.
10. **Cowley C, Alexander C, and Oliver BJ** (May 2017). *Innovation in Education: Integrating Quality & Leadership in a NP Residency Program.* Quality and Safety Education for Nurses (QSEN) National Forum, Chicago, IL.
11. **Pomerleau M, Ruggerio K, and Oliver BJ** (May, 2016). *Using an improvement formula as a conceptual model for development of an applied quality & safety curriculum intervention in an accelerated bachelor of science in nursing program at a school of nursing.* Quality and Safety Education for Nurses (QSEN) National Forum, San Diego, CA
12. **Oliver BJ** (2015). *Creative Curriculum Redesign: Rapid innovation and integration of applied quality and safety education across undergraduate, graduate, and doctoral programs in a school of nursing: The MGH Institute Academy for Improvement Science model.* Quality and Safety Education for Nurses (QSEN) National Forum, San Diego, CA
13. **Oliver BJ** (2015). *Fostering culture change and building faculty capacity for quality and safety in nursing education: One year pilot implementation and outcomes results for the MGH Institute School of Nursing Faculty QI Task Forces initiative.* Quality and Safety Education for Nurses (QSEN) National Forum, San Diego, CA
14. **Winn K, Newland P, Oliver BJ** (2015). *Shared Decision Making in Multiple Sclerosis: Lessons Learned from Creating New DMT Option Grid Decision Support Tools.* CMSC Annual Conference, Indianapolis, IN.
15. **Oliver BJ** (2015). *Practical innovation in improvement measurement training and application from quality registers to the front line: A three stage model linking improvement teams, improvement coaches, and leaders.* Jonkoping Microsystem Festival, Gottenburg, Sweden.
16. **Oliver BJ, Phillips A, Lauzon-Clabo L** (2015). *Applied learning for culture change: Empowering nursing faculty to become scholar-improvers: Pilot results of the MGH School of Nursing Faculty QI Task Forces Initiative.* AACN Master's Conference, St. Petersburg, Florida.
17. **Oliver BJ, Godfrey MM** (2015). *Practical innovation in improvement measurement training and application from quality registers to the front line: A three stage model linking improvement teams, improvement coaches, and leaders.* Jonkoping Institute International Microsystem Festival, Gottenburgh, Sweden.
18. **Oliver BJ** (2013). *Modifiable factor relationships with biopsychosocial disability in multiple sclerosis.* 26th Annual Meeting of the Consortium of Multiple Sclerosis Centers (CMSC), Orlando, FL.

19. Godfrey MM, **Oliver BJ**, Theis KM. (February 2011). *Preparing academic-clinical partners to teach theory-based quality improvement methods in the classroom while applying this knowledge in clinical settings: A pilot program*. American Association of Colleges in Nursing Master's Education Conference, Scottsdale, AZ.
20. Olds DM, Brennan CW, Grisson RD, Miltner RS, Moy N, Newson JH, **Oliver BJ**, Stephens CE, Wallaert JB, Estrada C, Patrician PA. (2010). *Learning by doing: Observing an interprofessional process as an interprofessional team*. Institute for Healthcare Improvement (IHI) Annual International Conference, Orlando, FL.
21. **Oliver BJ**, Young A. (2010). Targeted Psycho-educational Intervention to Improve Relapse Self-Assessment in Relapsing-Remitting MS: A Pilot Study. Abstracts from the 23rd Annual Meeting of the Consortium of Multiple Sclerosis Centers. *International Journal of MS Care*; Vol. 12 (Suppl. 1): 55-56.
22. **Oliver BJ** (May 2009). *Screening and treatment of depression in multiple sclerosis: A new treatment pathway versus standard care. Final results of the six month trial*. 23rd Annual Meeting of the Consortium of Multiple Sclerosis Centers (CMSC), Atlanta, GA.
23. **Oliver BJ**, Franco M. (2009). Self-Efficacy Improvement in Multiple Sclerosis: Interim Results. Abstracts from the 23rd Annual Meeting of the Consortium of Multiple Sclerosis Centers. *International Journal of MS Care*; Vol. 12 (Suppl. 1): 86.
24. **Oliver BJ**, Young A. (2009). Targeted Psycho-educational Intervention to Improve Relapse Self-Assessment in Relapsing-Remitting MS. Abstracts from the 23rd Annual Meeting of the Consortium of Multiple Sclerosis Centers. *Int. Journal of MS Care*; Vol. 11 (Sup. 2): 75.
25. **Oliver BJ**, Franco M. (2009). Self-Efficacy Improvement in Multiple Sclerosis: The SIMS Study. Abstracts from the 23rd Annual Meeting of the Consortium of Multiple Sclerosis Centers. *International Journal of MS Care*; Vol. 11 (Suppl. 2): 74.
26. **Oliver BJ**, Ryan KA, Boyle L, Wishart H, Flashman L, Stevenson J, Stewart J, Yazinski N, Bowen S, Kasper LH. (2008). Targeted psycho-educational intervention in multiple sclerosis: Final Results of the 1 Year Trial. Abstracts from the 23rd Annual Meeting of the Consortium of Multiple Sclerosis Centers. *International Journal of MS Care*; Vol. 11 (Suppl. 2): 19.
27. **Oliver BJ** (2008). Screening and treatment of depression in multiple sclerosis- Final results of the 6 month trial. Abstracts from the 22rd Annual Meeting of the Consortium of Multiple Sclerosis Centers. *International Journal of MS Care*; 10(1): 50.
28. **Oliver BJ**, Ryan KA, Boyle L, Wishart H, Flashman L, Stevenson J, Stewart J, Yazinski N, Bowen S, Kasper LH. (2008). Targeted psycho-educational intervention in multiple sclerosis. Abstracts from the 22nd Annual Meeting of the Consortium of Multiple Sclerosis Centers. *International Journal of MS Care*; 10(1): 28.
29. **Oliver BJ**, Kohli E, Chen L. (2007). Optimal Interferon Therapy in Multiple Sclerosis: A systematic review. Abstracts from the 21st Annual Meeting of the Consortium of Multiple Sclerosis Centers. *International Journal of MS Care*; 9(2): 70-71.

30. **Oliver BJ** (2007). Screening and treatment of depression in multiple sclerosis: Testing a new integrative care delivery model versus standard referral. Abstracts from the 21st Annual Meeting of the Consortium of Multiple Sclerosis Centers. *International Journal of MS Care*; 9(2): 91.
31. **Oliver BJ**, Ryan KA, Boyle L, Wishart H, Flashman L, Stevenson J, Stewart J, Yazinski N, Brissette S, Kasper LH. (2007). Targeted psycho-educational intervention in Multiple Sclerosis: The MS Learning Lab Study. Abstracts from the 21st Annual Meeting of the Consortium of Multiple Sclerosis Centers. *International Journal of MS Care*; 9(2): 91-92.

Poster Presentations:

1. Rudell E, Peterson P, Ingram MF, **Oliver BJ**, Agrawal T, et al. (May, 2020). *NSCLC: Integrating the “Yale Model Shared Decision-Making Solution” into the Practice Setting*. American Board of Clinical Oncology Annual Conference (virtual due to COVID-19 pandemic).
2. Van Deen W, Shah SA, Crate D, Oberai R, Hwang C, Ostrov A, Lum DF, Nelson EC, **Oliver BJ**, et al. (April, 2020). *Top Goals and Commonly Reported by Individuals with Inflammatory Bowel Disease at Outpatient Gastroenterology Clinic Visits*. Digestive Diseases Week (virtual due to COVID-19 pandemic).
3. Kennedy A, van Deen W, **Oliver BJ**, Nelson EC, et al. (April, 2020). *Identifying a balanced measure set for quality improvement improving care for inflammatory bowel disease*. Digestive Diseases Week (virtual due to COVID-19 pandemic).
4. Van Citters A, Holthoff M, Kennedy A, Hoggard A, **Oliver BJ**, Weaver A, et al. (April, 2020). *Same page care is associated with improved Shared Decision Making for patients with inflammatory bowel disease*. Digestive Diseases Week (virtual due to COVID-19 pandemic).
5. **Oliver BJ**, Walsh K, Messier R, et al. for the MSCQI Investigators (April, 2020). *Two-year interim results of the MS-CQI Research Collaborative*. AAN Annual Scientific Meeting (Conference due to COVID-19 pandemic, abstract published in *Neurology* online supplement). *Neurology*; 95(15 Supplement).
6. Mehta F, Walsh K, Messier R, **Oliver BJ**. (February, 2020). *Interim results from the Multiple Sclerosis Continuous Quality Improvement Collaborative (MS-CQI): System-Level Variation in Patient Reported Outcomes (PROs)*. Americas Committee for Treatment and Research in Multiple Sclerosis (ACTRIMS), West Palm Beach, FL.
7. Smith T, Varieur J, Byran EC, **Oliver BJ**. (February, 2020). *Development of a Coproduction Model of Multiple Sclerosis Care*. Americas Committee for Treatment and Research in Multiple Sclerosis (ACTRIMS), West Palm Beach, FL.
8. van Deen WK, Tse CS, Shah SA, Crate DJ, Oberai R, Hwang C, Ostrov A, Lum DF, Nelson EC, **Oliver BJ**, et al. (January, 2020). *Goals and concerns reported by patients with inflammatory bowel disease during clinic visits*. Digestive Diseases Week (DDW), Bethesda, MD.
9. Lofton C, Dionne-Odom J, **Oliver BJ**, Patrician P, Bakitas M (March, 2020). *Not All Fatigue is Created Equal: The First Step of Palliative Symptom Management for Adults with Multiple Sclerosis*. Assembly of Hospice and Palliative Care, San Diego, CA.

10. Hakim H, Newland P, **Oliver BJ**. (October, 2019). *Initial User Testing of Decision Aids for Multiple Sclerosis Disease Modifying Therapies*. The International Society for Quality in Health Care (ISQua) Annual International Conference; Cape Town, South Africa.
11. Clark K, Winn K, **Oliver BJ** (October, 2019). *Shared Decision Making in Multiple Sclerosis: Decision Aids for Disease Modifying Therapy*. The International Society for Quality in Health Care (ISQua) Annual International Conference; Cape Town, South Africa.
12. Messier R, **Oliver BJ** for the MSCQI Investigators (September, 2019). *Improving MS Care Quality and Value Using Specialty Care Home Concepts: Implementation Aspects of the MSCQI Research Collaborative*. NCQA Annual Conference; Boston, MA.
13. Randall H, **Oliver BJ** (October, 2019). *Improving antidepressant medication adherence in an underserved population of people with psychiatric conditions in a federally qualified health center*. American Psychiatric Nurses Association (APNA) Annual Conference; New Orleans, LA.
14. Van Citters A, Holthoff M, Siegel C, Kennedy AM, Barr P, **Oliver BJ**, et al. (July, 2019). *Shared decision making predicts patient confidence in self-care for adults with Inflammatory Bowel Disease*. International Society for Medical Decision Making; Toronto, Canada.
15. **Oliver BJ**, Messier R, Hall A, et al. for the MSCQI Investigators (May, 2019). *Improving Quality of Care for People with Multiple Sclerosis (MS): System level patient reported and clinical outcomes in MS populations: Benchmarking findings from the Multiple Sclerosis Continuous Quality Improvement Research Collaborative (MS-CQI)*. QSEN Annual International Conference, Cleveland, OH.
16. Messier R, Hall A, **Oliver BJ** et al. for the MSCQI Investigators (June, 2019). *The MSCQI Research Collaborative: Integration of Improvement Coaching, Improvement Science, and Implementation Science approaches in a multicenter outcomes research setting*. Sheffield Microsystem Coaching Academy Annual Expo; Sheffield, United Kingdom.
17. Messier R, Pagnotta P, Hall A, **Oliver BJ** (May, 2019). *Continuous Improvement of MS Care Quality and Outcomes– A Coach-Supported QI Intervention and QI Readiness Assessment Approach for the MS Continuous Quality Improvement Collaborative (MS-CQI)*. Consortium of Multiple Sclerosis Centers (CMSC); Seattle, WA.
18. **Oliver BJ**, Messier R, Hall A, et al. for the MSCQI Investigators (May, 2019). *Improving Quality of Care for People with Multiple Sclerosis (MS): Benchmarking results of a pioneering, multi-center, systems level quality improvement research collaborative for MS - the Multiple Sclerosis Continuous Quality Improvement Collaborative (MS-CQI)*. Consortium of Multiple Sclerosis Centers (CMSC); Seattle, WA.
19. Hakim H, Newland P, **Oliver BJ**. (May, 2019). *Initial User Testing of Option Grid Decision Aids for Multiple Sclerosis Disease Modifying Therapies*. Consortium of Multiple Sclerosis Centers (CMSC); Seattle, WA.
20. Clark K, Winn K, **Oliver BJ** (May, 2019). *Shared Decision Making in Multiple Sclerosis: Option Grid (OG) Decision Aids for Disease Modifying Therapy*. Consortium of Multiple Sclerosis Centers (CMSC); Seattle, WA.

21. **Oliver BJ**, Messier R, Hall A, et al. for the MSCQI Investigators (May, 2019). *Improving Quality of Care for People with Multiple Sclerosis (MS): Benchmarking results of the first multi-center systems level quality improvement research collaborative for MS in the United States— the Multiple Sclerosis Continuous Quality Improvement Collaborative (MS-CQI)*. Academy Health Research Conference; Washington, DC.
22. Hoyt A, Sweeney C, Perloff J, **Oliver BJ** (May, 2019). *Comparison of charges for multiple sclerosis care by advanced practice providers, primary care physicians, and neurologists*. Academy Health Research Conference; Washington, DC.
23. **Oliver BJ**, Messier R, Hall A, et al. for the MSCQI Investigators (April, 2019). *Driving Continuous Improvement of MS Care Quality – Interim Experience from the First Continuous Quality Improvement Research Learning Health System in Multiple Sclerosis*. American Academy of Neurology; Philadelphia, PA.
24. Rudell E, Ambeskovic A, Agrawal T, Ingram M, **Oliver BJ** et al. (April, 2019). *Impact of Shared Decision Making on Improving Patient-Clinician Interactions and MS Quality Measures: Pilot Study*. American Academy of Neurology; Philadelphia, PA.
25. **Oliver BJ**, Messier R, et al. for the MSCQI Investigators (December, 2018). *Improving the Quality and Value of Care for People with Multiple Sclerosis (MS): Baseline variation in system level performance between centers in the first multi-center systems level quality improvement research collaborative for Multiple Sclerosis in the United States— The Multiple Sclerosis Continuous Quality Improvement Collaborative (MS-CQI)*. Institute for Healthcare Improvement (IHI) Scientific Symposium, Orlando, FL.
26. Messier R, Hall A., **Oliver BJ**, et al. for the MSCQI Investigators (December, 2018). *Improving the Quality and Value of Care for People with Multiple Sclerosis (MS) Improvement Intervention and Coaching in the Multiple Sclerosis Continuous Quality Improvement Collaborative (MS-CQI)*. Institute for Healthcare Improvement (IHI) Annual Meeting Storyboards, Orlando, FL.
27. **Oliver BJ**, Messier R, Hall A, et al. for the MSCQI Investigators (October, 2018). *First year experience of the first learning health system quality improvement research collaborative in the United States: Synthesizing PRO and EHR data to create whole person outcomes measurement within multiple sclerosis care systems participating in the MS-CQI Collaborative*. TDI Microsystem Academy International Fall Retreat; Hanover, NH.
28. **Oliver BJ**, Messier R, Hall A, et al. for the MSCQI Investigators (October, 2018). *First year experience of the first learning health system quality improvement research collaborative in the United States: A study of microsystem level variation in performance across four multiple sclerosis centers over 12 months*.ECTRIMS International MS Conference; Berlin, Germany.
29. Rudell E, Ambesovic A, Agrawal A, **Oliver BJ**, et al. (October, 2018). *Impact of shared decision making on improving patient-clinician interactions and multiple sclerosis quality measures: A pilot study*. ECTRIMS International MS Conference; Berlin, Germany.
30. **Oliver BJ**, Messier R, Hall A, et al. for the MSCQI Investigators (June 2018). *First year experience of the first learning health system quality improvement research collaborative in the United States: The MSCQI Collaborative*. Academy Health National Research Conference: Seattle, WA.

31. Hoyt A, Sweeney C, **Oliver BJ** (June 2018). *Do Nurse Practitioners Function As Primary Care Compliments or Specialty Extenders Among Patients with Multiple Sclerosis? A Private Insurance Claims Data Analysis*. Academy Health National Research Conference: Seattle, WA.
32. Sweeney C, Hoyt A, **Oliver BJ** (June, 2018). *Utilization of Nurse Practitioners and Physician Assistants in Multiple Sclerosis Care: An Analysis of Medicare Beneficiaries*. Academy Health National Research Conference: Seattle, WA.
33. **Oliver BJ**, Messier R, Hall A, et al. for the MSCQI Investigators (May 2018). *First year experience of the first learning health system quality improvement research collaborative in the United States: The MSCQI Collaborative*. 32nd Annual Meeting of the Consortium of MS Centers, Nashville, TN. *International Journal of MS Care: 20(Suppl. 1): 77*.
34. **Oliver BJ**, Messier R, Schwartz C, et al. for the MSCQI Investigators (May, 2018). *Initial launch experience of the first learning health system quality improvement research collaborative in the United States: The MSCQI Collaborative*. American Academy of Neurology, Los Angeles, CA.
35. Becker J, **Oliver BJ**, Kamal D, Sathe M, Sharma P (October 2017). *Challenges in Transitioning Despite Improved Communication Between Pediatric & Adult Cystic Fibrosis Care Teams*. North American Cystic Fibrosis Care (NACFC) Annual International Conference, Indianapolis, IN.
36. Alexander C, Cowley C, **Oliver BJ** (August 2017). *Integrated leadership and improvement applied learning curriculum for a Nurse Practitioner residency program: Results of the one year pilot*. VA National Quality Scholars Summer Institute, Houston, TX.
37. Newland P, **Oliver BJ** (May 2017). *Collecting patient reported data for multiple sclerosis care in real time using a mobile application: A pilot study*. American Academy of Neuroscience Nursing, Baltimore, MD.
38. Hakim H, Bannister G, Phillips A, **Oliver BJ** (August 2017). *Comparative case study of implementation in a multicenter research study*. VA National Quality Scholars Summer Institute, Houston, TX.
39. Randall H, **Oliver BJ** (August 2017). *Refugee Health Screener-15 (RHS-15) workflow process variation in six refugee resettlement sites in Massachusetts*. VA National Quality Scholars Summer Institute, Houston, TX.
40. **Oliver BJ**, Pomerleau M, Potter M, Phillips A, et al. (May 2017). *Improving performance of educational microsystems: Results of formal improvement intervention on NCLEX performance from 2014-2016*.
41. Green K, Pomerleau M, Gona C, Lucey J, Reidy P, and **Oliver BJ** (May 2017). *Integration of Applied Healthcare Improvement Methods Curriculum in a Graduate Nurse Practitioner Program*. QSEN National Forum, Chicago IL.
42. O'Donnell M, Potter M, **Oliver BJ** (May, 2017). *Creative Curriculum Redesign: Three Year Outcomes of Applied Quality & Safety Curriculum Integration in Two First Year Generalist Nursing Courses (2014-2016)*. QSEN National Forum, Chicago IL.

43. **Oliver BJ**, Knab M (December, 2016). *Two year results of pilot integration of applied healthcare quality and safety Curriculum into an interprofessional health professions education program.* IHI National Forum, Orlando, FL.
44. **Oliver BJ**, Pomerleau M, Lucey J, Reidy P, Gona C, Green K (December, 2016). *Initial pilot results of a three semester pilot of applied healthcare quality improvement curriculum integration using simulated improvement teams in a graduate nurse practitioner program.* IHI National Forum, Orlando, FL.
45. **Oliver BJ** (September, 2016). *Innovation and Culture Change in Nursing Education: Application of Microsystems Improvement Methods to Develop Better Educational Microsystems.* Dartmouth Institute Microsystem Academy Fall Retreat, Hanover, NH.
46. **Oliver BJ**, Cowley C, Alexander C (September, 2016). *Integrating Microsystems Improvement and Leadership Education into a Post-Graduate Residency Program for Nurse Practitioners: The VANAP-GE “Clinician-Leader-Improver” Model.* Dartmouth Institute Microsystem Academy Fall Retreat, Hanover, NH.
47. Newland PK, **Oliver BJ**, Kimutus A, Thomas FP (June, 2016). *Monitoring Fatigue with a Mobile Phone and Internet Application: A Feasibility Study.* Consortium of MS Centers ([CMSC](#)) Annual Conference, Baltimore, MD.
48. Cowley C, Alexander C, **Oliver BJ** (May, 2016). *A Quality & Safety Curriculum Threads Integration Pathway in a School of Nursing.* QSEN National Forum, San Diego, CA.
49. **Oliver BJ**, Watts L, Murphy E, Cowley C, Alexander C (May, 2016). *An academic-clinical partnership to improve NP education, recruitment and retention, increase workforce capacity, and improve access to VA primary care services for rural underserved Veterans.* UMASS Integrated Veterans’ Health Conference, Springfield, MA.
50. Winn K, Newland P, **Oliver BJ** (2015). *Shared Decision Making in Multiple Sclerosis: Lessons Learned from Creating New DMT Option Grid Decision Support Tools.* Consortium of Multiple Sclerosis Centers (CMSC) National Conference, Indianapolis, MN.
51. **Oliver BJ**, Potter M, O’Donnel M (2015). *Creative Curriculum Redesign: Pilot Implementation and Outcomes of Quality & Safety Curriculum Integration in First Year Nursing Courses.* AACN Master’s Conference, St. Petersburg, Florida.
52. **Oliver BJ**, Potter M, O’Donnel M (2014). *Creative Curriculum Redesign: Pilot Implementation and Outcomes of Quality & Safety Curriculum Integration in First Year Nursing Courses.* IHI Scientific Symposium, Institute for Healthcare Improvement (IHI) National Forum, Orlando, FL.
53. **Oliver BJ**, Winn K, Grande S. (2013). *Shared Decision Making in Multiple Sclerosis DMT Treatment Decisions: Creating an Option Grid for RRMS.* 26th Annual Meeting of the Consortium of Multiple Sclerosis Centers (CMSC), Orlando, FL.
54. **Oliver BJ**, Rezaee ME, Fortier B, Franco ME (May 2012). *Self-Efficacy Improvement in Multiple Sclerosis (SIMS): A Pilot Study.* 25th Annual Meeting of the Consortium of Multiple Sclerosis Centers (CMSC), Sand Diego, CA.

55. Randolph JG, Randolph JJ, Cronenwett S, **Oliver BJ**, Kasper LH, and Wishart HA (February 2012). *Cigarette Smoking and Cognition in Multiple Sclerosis*. International Neurological Sciences Conference, Montreal, Canada.
56. **Oliver BJ**, Berg S, Kearing S (October 2011). *Implementation of a decision support program in a multiple sclerosis psychiatric-mental health clinic*. 33rd Annual Meeting of the Society for Medical Decision Making, Chicago, IL.
57. **Oliver BJ**, Berg S, Kearing S (December 2011). *A Decision Support Intervention for Depression Treatment in a Multiple Sclerosis Mental Health Clinic Using a Clinical Microsystems Approach*. 17th Annual Scientific Symposium on Quality and Value in Health Care, Academy for Healthcare Improvement and Institute for Healthcare Improvement 23rd Annual National Forum on Quality Improvement in Health Care, Orlando, FL.
58. **Oliver BJ**, Franco, M. (June 2011). *Self-Efficacy Improvement in Multiple Sclerosis (SIMS): Work in Progress*. CMSC International Conference, Montreal, Canada.
59. **Oliver BJ**, Kohli E, Kasper, LH (February 2011). *Interferon therapy in relapsing-remitting multiple sclerosis: A systematic review and meta-analysis of the comparative trials*. Dept. of Veterans Affairs Health Services Research and Development (HSR&D) Annual Conference, Washington, DC.
60. **Oliver BJ** (December, 2010). *Improving patient relapse assessment skills at an academic multiple sclerosis center*. Institute for Healthcare Improvement (IHI) Annual International Conference, Orlando, FL.
61. **Oliver BJ**, Franco, M. (June 2010). *Self-Efficacy Improvement in Multiple Sclerosis (SIMS): Interim Results*. CMSC National Conference, Dallas, TX.
62. **Oliver BJ**, Young, A. (June 2010). *Relapse Self-Assessment in Multiple Sclerosis: A Pilot Study*. CMSC National Conference, Dallas, TX.
63. **Oliver BJ**, (March 2010). *Screening and treatment of depression in multiple sclerosis: A quality improvement study of a new treatment pathway versus standard care*. Eastern Nursing Research Society (ENRS) Annual Conference, Providence, RI.
64. **Oliver BJ**, Ryan KA, Boyle L, Wishart H, Flashman L, Stevenson J, Stewart J, Yazinski N, Bowen S, Kasper LH. (2009, November). *Targeted psycho-educational intervention in Multiple Sclerosis: The MS Learning Lab Study. Results of the 1 year randomized trial*. International MS Nursing Conference, Vienna, Austria.
65. Sheehan K, Wishart H, Roth R, Shen L, Wan J, MacDonald J, Ford J, Seville K, **Oliver B**, Kasper L. (2009, October) *The Relationship Between Thalamic Volume and Shape and Pain Levels in MS*.ECTRIMS International MS Conference, Dusseldorf, Germany.
66. **Oliver BJ**, Ryan KA, Boyle L, Wishart H, Flashman L, Stevenson J, Stewart J, Yazinski N, Bowen S, Kasper LH. (2009, May). *Targeted psycho-educational intervention in Multiple Sclerosis: The MS Learning Lab Study. Final results of the 1 year randomized trial*. ACNP National Conference, New Mexico.

67. **Oliver BJ**, Ryan KA, Boyle L, Wishart H, Flashman L, Stevenson J, Stewart J, Yazinski N, Bowen S, Kasper LH. 2009, May). *Targeted psycho-educational intervention in Multiple Sclerosis: The MS Learning Lab Study. Final results of the 1 year randomized trial.* CMSC National Conference, Atlanta, GA.
68. **Oliver BJ**, Young A. (2009, May). *Effectiveness of the 24-14-20 Rule for Self-Identification and Reporting of MS relapses: Interim results.* CMSC National Conference, Atlanta, GA.
69. **Oliver BJ**, Franco M. (2009, May). *Self-Efficacy Improvement in Multiple Sclerosis: Work-in-Progress.* CMSC National Conference, Atlanta, GA.
70. HA Wishart, AJ Saykin, CH Rhodes, LH Kasper, **Oliver BJ**, CE Fadul, JL Seville, GJ Tsongalis, TW McAllister (2008, September). *COMT Val158Met Genotype and Pain Perception in Patients with MS.*ECTRIMS International MS Conference, Toronto, Canada.
71. **Oliver BJ** (2008, September). *Screening and treatment of depression in multiple sclerosis: Testing a new integrative care delivery model versus standard referral- 1 year results.* AANP National Conference, Maryland.
72. **Oliver BJ** (2008, May). *Screening and treatment of depression in multiple sclerosis: Testing a new integrative care delivery model versus standard referral.* CMSC National MS Conference, Denver, CO.
73. **Oliver BJ**, Ryan KA, Boyle L, Wishart H, Flashman L, Stevenson J, Stewart J, Yazinski N, Bowen S, Kasper LH. (2008, May). *Targeted psycho-educational intervention in Multiple Sclerosis: The MS Learning Lab Study- Preliminary results.* CMSC National MS Conference, Denver, CO.
74. Franco M, Barone D, Barone K, Pfohl DC, **Oliver BJ**, et al. (2008, May). *Patient Education: Using Relaxation and Guided Imagery for MS: Lowering Anxiety Associated with MS & MS Injections.* CMSC National MS Conference, Denver, CO.
75. **Oliver BJ**, Kohli E, Chen L. (2007, May). *Optimal Interferon Therapy in Multiple Sclerosis: A systematic review.* CMSC National MS Conference, Washington, DC.
76. **Oliver BJ** (2007, May). *Screening and treatment of depression in multiple sclerosis: Testing a new integrative care delivery model versus standard referral.* CMSC National MS Conference, Washington, DC.
77. **Oliver BJ**, Ryan KA, Boyle L, Wishart H, Flashman L, Stevenson J, Stewart J, Yazinski N, Brissette S, Kasper LH. (2007, May). *Targeted psycho-educational intervention in Multiple Sclerosis: The MS Learning Lab Study.* CMSC National MS Conference, Washington, DC.
78. **Oliver BJ** (2007, May). *Screening and treatment of depression in multiple sclerosis: Testing a new integrative care delivery model versus standard referral.* AANP National MS Conference, Indianapolis, IN.

Key: Underline= Mentee/Learner

Oliver BJ (1995). Relationships between implicit and explicit measures of self-esteem. Undergraduate Departmental Honors Program in Psychology and State of Massachusetts Commonwealth Scholars Program. University of Massachusetts at Amherst, Amherst, MA.

B. Personal Statement

Overview

I am a healthcare improvement and implementation scientist, educator, and board-certified family and psychiatric nurse practitioner (FNP-BC, PMHNP-BC). My work focuses on applied healthcare improvement science research with a focus on complex and costly chronic illness conditions (including MS, IBD, CF, RA and others), coproduction, learning health systems, and shared decision making (SDM). I have been in clinical practice since 2003, working primarily as a certified MS specialist (MSCN) and MS neurobehavioral nurse practitioner. I hold faculty appointments at Dartmouth, VA Quality Scholars (VAQS), and the MGH Institute School of Nursing. I am a certified Lean Six Sigma Black Belt and experienced in Clinical Microsystems and IHI Model for Improvement approaches, including IHI Breakthrough Series (BTS) collaboratives. I teach graduate students, residents and post-doctoral fellows in QI methodology and measurement. I have extensive experience developing integrated academic pathways and academic-clinical partnerships. In 2017, I obtained a \$3.4M partnership grant for a new VA rural primary care NP residency program in Vermont. From 2012-2017, I also lead a QI curriculum integration initiative across nursing programs (BSN, MSN, DNP) at the MGH Institute linked to residency and post-doctoral partnerships in the VA. I am principal investigator (PI) of the first national multicenter improvement science research collaborative for MS in the U.S. (MS-CQI), and am or have been faculty and/or an investigator in large scale improvement efforts in the US, UK, Sweden, Canada, and Australia, including the Cystic Fibrosis Foundation, the Crohn's & Colitis Foundation, and the International Coproduction of Health Network (ICoHN). Finally, I am PI of CO-VALUE, an ICoHN study developing an assessment model for coproduction value creation in a new international community of practice that I co-lead with visionary improvement scholar Dr. Paul Batalden and comprised of an international community of practice representing four countries.

Improvement Research Scientist

I have particular expertise in designing and facilitating research and applied improvement efforts at scale and have experience nationally and internationally in that area. My work as a healthcare improvement scientist and methodologist includes roles at Dartmouth (2016-present) including the Leadership and Preventive Medicine Residency program (LPMR) and the Dartmouth Institute Microsystems Academy (TDIMA), where I have served as lead measurement faculty and improvement measurement methodologist since 2012. My work in these roles focuses on applied healthcare improvement, innovation, and implementation science with population health applications, especially in chronic complex conditions such as multiple sclerosis, inflammatory bowel disease, cystic fibrosis, and others. I have international experience, including the Cystic Fibrosis Foundations in the US and Canada, the Quality Register Collaborative in Sweden, BUPA in the UK and Australia, and most recently with the International Coproduction of Health Network (ICoHN) which is a combined international effort representing the US, UK, Israel, Sweden, and includes the Institute of Healthcare Improvement (IHI), the US Department of Veterans Affairs and US federally designated care centers. As a healthcare improvement methodologist, I subspecialize in improvement measurement and analytics, and the education of health professionals in healthcare improvement methods. My research interests include applied improvement science in chronic illness and mental health contexts, including in my clinical specialty area of multiple sclerosis and mental health care in

populations with chronic neurological conditions, coproduction of health and healthcare, and shared decision making in complex illness care.

My funded research includes support from the National MS Society (NMSS) for a health policy study of the impact of nurse practitioners on utilization and cost of MS healthcare, and support from the MS Foundation (MSF) to establish a regional peer wellness outreach program for persons with multiple sclerosis which targets the rural isolated and underserved. I am also principal investigator of a 3-year, \$1.8M applied improvement science study establishing the first national multi-center multiple sclerosis quality improvement research collaborative in the United States— the MS Continuous Quality Improvement Collaborative (MS-CQI), which pioneers a hybrid improvement-implementation design using a learning health systems collaborative model with a population health outcomes focus. MS-CQI has served as a feasibility, acceptability and proof-of-concept pilot for the NEXT-GEN MS study, recently awarded in 2019, which will expand across the USA and into Canada and will test the effect of Learning Health System feed-forward care pathways on MS care outcomes. Finally, I serve as principal investigator of the International Coproduction of Health (ICoHN) CO-VALUE study, which is an international effort to develop and study a new value creation model for healthcare service based on coproduction principles which has the potential to revolutionize how modern healthcare service operations could function and generate value.

Education and Partnership Innovator

I have taught at all levels of nursing education, including the supervision of graduate capstone and doctoral theses and projects and post-doctoral mentorship, and have also taught across disciplines including physician assistants, physicians, and public health practitioners, in classroom, online, hybrid, and clinical environments. I have substantial experience in educational innovation including program creation and integration of improvement methods into educational contexts. From 2012-2016, I lead a comprehensive QI curriculum redesign and integration initiative across nursing programs (BSN, MS, DNP) at the MGH Institute School of Nursing with linkage to post-graduate residency and post-doctoral fellowship options. Deriving from this work, I have published on rapid applied QI curriculum education integration across undergraduate and graduate programs in nursing and using QI methods applied to educational contexts to improve educational performance outcomes.

In 2014, I developed a new collaboration between the MGH Institute School of Nursing and a U.S. Department of Veterans Affairs (VA) Medical Center in White River Junction, VT. This collaboration obtained a \$3.4 million grant from the VA to establish an academic clinical partnership between the two entities and provide rural graduate clinical education and post-graduate residency education for nurse practitioners in the VA healthcare system through the VA Nursing Academic Partnership for Graduate Education (VANAP-GE) program. I served as the academic co-director of the program in its inaugural year before transitioning from the MGH Institute to Dartmouth. This work included a collaboration with the WRJ VAQS program site, which I co-directed, and provided guidance in grant writing and curriculum development. Under my supervision, two WRJ VAQS post-doctoral nursing fellows lead the design and pilot implementation of an integrated “*clinician-leader-improver*” curriculum for the new WRJ VANAP-GE nurse practitioner residency program.

Finally, in my work with the WRJ VAQS program site as Senior Faculty Scholar for Nursing (2012-present), I established a new collaboration with the MGH Institute of Health Professions School of Nursing to establish a graduate nursing program partner for the WRJ VAQS site and developed a New England recruitment strategy linked to the MGH Institute graduate and doctoral nursing programs which has substantially increased recruitment of nursing fellows since 2013. I have participated substantively in curriculum design and innovation for the national VAQS program, including efforts to align this with the national VAQS program KSAs and curriculum model and QSEN Institute competencies. This included leadership and redesign (using co-design methods) of the national VAQS improvement measurement curriculum which included an agile innovation group

on improvement measurement education and methodology that draws an international audience and fuels continuous innovation of the standard curriculum model for the national VAQS program.

Updated by: B. Oliver

Date: November 29, 2019