

BIOGRAPHICAL

Name: Angela M. Stover, PhD

Citizenship: U.S Citizen

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OVERVIEW

I am a translational patient-reported outcomes (PRO) researcher who uses implementation science to implement and evaluate PROs initiatives in routine care settings. There is extensive research showing PROs improve clinical outcomes when used as an integral part of ambulatory care delivery, but uptake in clinics is challenging. My work uses innovative strategies to support clinics by ensuring that the right PRO tools are available, at the right time, to the right people, with the right training to improve care. I teach two graduate courses (one per year) in the Gillings School of Global Public Health: 1) PROs and application in healthcare delivery and research in (course code: HPM 794); and 2) Implementation science in health (course code: HPM 767).

I serve as a co-investigator/mentor for the NC TraCS Dissemination and Implementation (D&) Methods Unit (tracs.unc.edu). The NC Tracs D&I Methods Unit supports the development and integration of frameworks, methods, and metrics in research conducted at UNC-Chapel Hill. My role is to serve as a consultant to UNC faculty and postdocs to select and refine approaches to implementation of evidence-based healthcare innovations for specific projects. I also serve as the liaison for implementation projects at UNC Health.

My research is also funded by PCORI, NIH, and foundations. For instance, I am a co-investigator on a 50-site randomized trial examining whether chemotherapy patients completing ePROs at home between visits have improved survival and quality of life, and fewer emergency room visits (IHS-1511-33392). I also lead a multi-site study developing PROs as potential performance metrics to compare across practices (ME-1507-32079).

My implementation work builds on 20+ years developing and evaluating PROs. I was one of the original developers of six NIH PROMIS (Patient-Reported Outcomes Measurement Information System) measures assessing depression, anxiety, and poor sleep (U01-AR052155: Pilkonis, University of Pittsburgh). My publications have been cited more than 3,000 times (Google scholar citations: 3,178, h-index: 21, i10-index: 30).

EDUCATION AND TRAINING

Training: Implementation Science 2016 – 2017

Long distance faculty training and mentoring in implementation science and grant writing (R25-CA171994: “MT-DIRC”), Washington University in St. Louis, Missouri (Long-distance)

Post-Doctoral Research Scholar 2015 – 2017

University of North Carolina at Chapel Hill, Cancer Care Quality Training Program (R25)

Doctor of Philosophy 2015

University of North Carolina at Chapel Hill, Department of Health Behavior (Public Health),
Co-Chairs: Bryce Reeve and Christine Rini, NRSA in Health Services Research (T32-HS000032)

Master of Arts 2002

Psychology in Education (Psychometrics), University of Pittsburgh

Bachelor of Arts 1998

Westminster University, New Wilmington, PA. Majors: Psychology and Sociology
Magna cum laude

ACADEMIC POSITIONS

Assistant Professor of Health Policy and Management, UNC-Chapel Hill 2017 -
Associate Member, Lineberger Comprehensive Cancer Center 2017 -

CONSULTING POSITIONS

Consultant for Navigating Cancer, Inc. in Seattle, WA (2-3 hours per month and paid) 2021-

RESEARCH POSITIONS PRIOR TO DOCTORATE

University of North Carolina – Chapel Hill Pre-Doctoral Research Positions 2011-2015

Graduate Research Assistant (GRA): Examining patient-reported outcomes in national oncology databases, PI: Bryce Reeve, PhD 2011

Fellow, Cancer Control and Education Program (CCEP): R25-CA057726 2011-2013
Lineberger Comprehensive Cancer Center

National Research Service Award (NRSA) Awardee: T32-HS000032 2013-2015
Sheps Center for Health Services Research

University of Pittsburgh Medical Center (UPMC) Positions from 1998-2010

Research Associate: “Female Adolescent Drug Abuse: Biobehavioral Development” 1998-
2000 (R01-DA005952), PI: Ada Mezzich, PhD

Research Specialist: “Biobehavioral Model of Stress and MS” 2000-2002
(K01-MH001468), PI: Kurt Ackerman, MD, PhD

Project Coordinator: “Mental Health Computerized Adaptive Testing” 2002-2005
(R01-MH066302), PIs: Robert Gibbons, PhD
(University of Illinois at Chicago) and
David J. Kupfer, MD (University of Pittsburgh)

Project Coordinator: “Patient-Reported Outcomes Measurement Information System” (PROMIS, Pittsburgh Site: U01-AR052155), 2004-2005
PI: Paul A. Pilkonis, PhD

Program Coordinator: PROMIS and “NIH Toolbox computerized adaptive tests of emotion” (Toolbox: RC2-AG036498), 2005-2007
PIs: Richard Gershon, PhD (Northwestern University) and
Paul A. Pilkonis, PhD (University of Pittsburgh)

Sr. Program Coordinator: PROMIS (U01-AR052155), PI: Paul A. Pilkonis, PhD 2007-2010

OTHER PROFESSIONAL POSITIONS PRIOR TO DOCTORATE

Copy Editor: Cranberry Magazine (40-page, monthly Pittsburgh Magazine 2004-2009
magazine highlighting local events; distribution: 20,000), moonlighting

HONORS AND AWARDS

Runner-up for “2019 Best Paper of the Year” award in the Journal for Patient Reported Outcomes 2020
(JPRO) for paper: **Stover AM**, McLeod LD, Langer MM, Chen W-H, Reeve BB. State of
psychometric methods: Patient-reported outcome development and refinement using item
response theory. J Patient Rep Outcomes. 2019;3(1):50. PMC6663947.

Invited co-facilitator, NCI-sponsored Implementation Science Consortium in Cancer (ISC3) 2020-2021
Action group on “Technology and implementation science”
(<https://cancercontrol.cancer.gov/IS/initiatives/ISC3.html>)

Steering Committee member for PROTEUS-PROs in Clinical Practice 2020-2021
(PROTEUS = Patient-Reported Outcomes Tools: Engaging Users & Stakeholders,
www.TheProteusConsortium.org)

“Emerging Leader” 2020 awardee from the International Society for Quality of Life research (ISOQOL): competitive award recognizing leadership within ISOQOL and dedication to the field of health-related quality of life research	2020
UNC Provost Award for Junior Faculty (competitive award that comes with pilot funds)	2020
Chair-elect, International Society for Quality of Life research (ISOQOL) special interest group “PROs in Clinical Practice” (interest group has >350 international members)	2019-2021
World-ranked expert in quality of life research by Expertscape (http://expertscape.com/au/quality+of+life/Stover%2C+Angela+M)	2019-present
Michael S. O’Malley Alumni Award for Publication Excellence in Cancer Population Sciences, University of North Carolina at Chapel Hill (\$2,000 prize)	2017
Merit awardee from Conquer Cancer Foundation (\$1,000 prize) (http://bit.ly/1RO1HZ2)	2016
Nominated for research team “ACES” Award for employees at the University of Pittsburgh Medical Center (top 1% of 40,000+ employees)	2007
Graduate Level Class Marshal for highest QPA (4.0) in School of Psychology in Education	2002
Scholarship awardee for Research Methodology master’s program, School of Psychology in Education, University of Pittsburgh	1999-2002
Psi Chi, Psychology Honor Society, Westminster University	1998
Research Honors awardee in departments of Psychology and Sociology, Westminster University	1998
Magna Cum Laude, Westminster University	1998
Trustee’s Scholarship awardee, Westminster University	1994-1998

TEACHING: PRIMARY INSTRUCTOR

Institution	Course	Role	Number of Students	Number of Auditors	Semester	Evaluation Average (1-5 scale where 1 is excellent)
UNC-Chapel Hill	HPM 794: “Patient-Reported Outcomes Measurement and Application in Healthcare Research and Practice”	Primary/only instructor	19-22	4-6	Spring, 2019, 2021	<u>2019 evaluation:</u> 1.27 (excellent, 1.0 is highest score possible)
UNC-Chapel Hill	HPM 767: “Implementation science in health”	Primary/only instructor	TBD	TBD	Spring, 2022	TBD

University of North Carolina at Chapel Hill
20% Salary Support (annual)

Guest Lectures

- Fall, 2004 *Mental Health Computerized Adaptive Testing and the bi-factor model: Preliminary report.* Mental Health Intervention Research Center, University of Pittsburgh Medical Center, Pittsburgh, PA.
- Spring, 2007 *Qualitative methodology for measure development: Ask the patient.*
School of Information Sciences, University of Pittsburgh, Pittsburgh, PA
(Doctoral Seminar, Stuart W. Shulman, course code: LIS 3600)
- Spring, 2013 *SEER-MHOS: Linking cancer registry data with patient-reported outcomes from Medicare beneficiaries.* Lineberger Comprehensive Cancer Center’s Cancer Outcomes Research Program, University of North Carolina – Chapel Hill.

- Fall, 2013 *State of the psychometric methods: A review of patient-reported outcome development using item response theory.* International Society for Quality of Life special interest group for psychometrics, Miami, FL.
- Spring, 2014 *Quality of life changes during the pre- to post-diagnosis period and treatment-related recovery time in older women with breast cancer.* Geriatric Oncology, University of North Carolina at Chapel Hill.
- Spring, 2015 *Changes in physical activity and sedentary behavior trajectories from 1 year prior to breast cancer diagnosis through 10 years post-diagnosis: Implications for cancer care.* Department of Social Sciences and Health Policy, Wake Forest University, Winston-Salem, NC.
- Spring, 2015 *Physical activity patterns over 10 years following breast cancer diagnosis.* Cancer Prevention and Control Program, University of North Carolina at Chapel Hill.
- Spring, 2016
Spring, 2017 *Patient-Reported Outcomes (PROs) in cancer care delivery and performance measurement.* Health Policy and Management, University of North Carolina at Chapel Hill. (Doctoral Seminar, Bryce Reeve, course code: HPM 794: Patient-Reported Outcomes Measurement and Application in Healthcare Research and Practice)
- Spring, 2016 *Coming to a Clinic near You: Implementing Patient-Reported Outcomes (PROs) into Routine Cancer Care Delivery.* Lineberger Comprehensive Cancer Center's Cancer Outcomes Research Program seminar, University of North Carolina – Chapel Hill.
- Spring, 2016,
2017, 2018,
2019, 2020, 2021 *Clinical Measures: Patient-reported outcomes and quality of life.* Department of Epidemiology, University of North Carolina at Chapel Hill. (Physician Seminar, Laura Loehr or John Baron, course code: EPID 804: Clinical Research Skills II: Measurement in Clinical Research)
- Spring, 2017 *Bringing the Patient Voice into Cancer Care Delivery and Quality Metrics: Patient-Reported Outcomes (PROs).* Hutchinson Institute for Cancer Outcomes Research (HICOR), Fred Hutchinson Cancer Research Center, Seattle, Washington.
- Spring, 2018, 2020 *Measuring Your Variables.* Health Policy and Management, University of North Carolina at Chapel Hill. (Doctoral Seminar, Sarah Birken, course code: HPM 885: Health Services/Health Policy Research Methods II).
- Spring, 2018 *Feasibility of collecting and adjusting patient-reported outcomes for quality reporting in chemotherapy.* Geriatric Oncology, University of North Carolina at Chapel Hill.
- Fall, 2018, 2019, 2020 *Patient-reported outcomes (PROs) and clinical research happening at UNC.* (Doctoral seminar, George Pink and Marc Holmes, course code: HPM 873: Research Seminar in Health Policy and Management).
- Fall, 2019, 2020 *Patient-reported outcomes (PROs) in oncology.* (Doctoral seminar, Melissa Gilkey, course code: HBEH/HPM 765: Cancer Prevention and Control Seminar).
- Fall, 2019 *Using patient-reported outcomes (PROs) in clinical care.* (GI epidemiology group).
- Spring, 2020, 2021 *PRO-based performance metrics and improving care.* (Doctoral seminar for Public Health Leadership, Sandra Greene, course code: HPM 967)

TEACHING PRE-CONFERENCE WORKSHOPS

- March, 2013 *Introduction to Item Response Theory (IRT) and its Applications for Questionnaire Design and Evaluation in Behavioral Medicine.* Pre-conference workshop (2 hours and 45 minutes) taught at the annual meeting of the Society of Behavioral Medicine, San Francisco, CA, March, 2013.
- October, 2018 *What is Implementation Science and How Can It Help Us Integrate PROs into Clinical Practice?* Pre-conference workshop (3 hours) taught at the annual meeting of the International Society for Quality of Life Research (ISOQOL), Dublin, Ireland, October, 2018. (Lead presenter and organizer with 4 other presenters)
- October, 2019 *What is Implementation Science and How Can It Help Us Integrate PROs into Clinical Practice?* Pre-conference workshop (3 hours) taught at the annual meeting of the International Society for Quality of Life Research (ISOQOL), San Diego, CA, October, 2019. (Lead presenter and organizer with 3 other presenters)

TEACHING STATEWIDE AND NATIONAL WEBINARS

- December, 2019 **Stover AM.** “Implementing PROs into routine community cancer care.” Developed and taught national webinar for Association of Community Cancer Centers (ACCC), online recording used to award continuing education credits for clinicians. (honorarium)
- July, 2020 **Stover AM.** “Cancer Care Delivery: Patient Reported Outcomes (PROs)” for the organization UNC Cancer Network. Statewide live lecture series called “Cancer Treatment in North Carolina: Patient-Centered Care.” Developed and taught webinar.
- Live lecture and recording used to award continuing education credits for nurses.
 - Open access recording (1 hour):
<https://unccn.mediasite.menc.org/menc/Showcase/unccancernetworkvideolibrary/Presentation/42b287f354d24bdbab6e4339dad7b7971d>

GRADUATE STUDENT MENTEES

Name	Prior Degrees	Degree Seeking	Start Date	Expected Graduation	Student Focus	My Role	Defense dates and outcomes
Doctoral							
Emily Haines	MPH	PhD in HPM	2018	May 2020	“Improving care coordination for AYAs with cancer: Building a bridge between needs and services”	Dissertation committee member	Successfully defended dissertation on 3/30/20, <u>graduated</u> . 1 paper published
Natasha Roberts	RN	PhD from Queensland Univ. (AU)	2018	2021	Implementing PROs in oncology clinics in Australia	Content mentor: implementation science	Published paper together
Kalina Duncan	MPH	DrPH in Public Health Leadership	Jan 2019	August 2021	“Facilitators enabling sustainable cervical cancer control programs in low- and middle-income settings: strengthening healthcare systems in Zambia.”	Dissertation Chair	Successfully defended proposal on 3/24/20
Rachel Kurtzman	MPH	PhD in Health Behavior	2019	May 2022	“Before Lung Cancer Screening: Exploring Who Receives Cessation Services and Steps in Developing a PRO for use during Screening”	Dissertation committee member, works ~10 hours per week for me	Successfully defended proposal on 9/18/20
Kelcey Stricker	MS	DrPH in Public Health Leadership	2020	May 2022	“Reducing Occupational Carcinogen Exposure in Wildland Firefighters: Developing a Theory-Informed Decontamination Intervention”	Dissertation Chair	Successfully defended proposal on 2/26/21
Karen Diepstra	MPH	PhD in Epi	2019	May 2023	PROs in HIV cure research	Potential dissertation committee member	Paper published 2021
Amy Barrett	MSPH, MA	PhD in DPOP (pharmacy)	2021	May 2024	Shared decision making in oncology treatment	Student advisory committee	
Christy Ikemeh	MS	PhD in HPM	2021	May 2025	Using implementation science to implement PROs in HIV care in African countries	Dissertation chair, program advisor	
Master’s							
Susannah Butters	BA	MBA and MSPH	2019	May 2020	Patient-reported experience measures (PREMs) in the emergency department setting	First reader/ advisor for master’s paper	Successfully presented master’s thesis on 4/17/20, <u>graduated</u>

Green = graduated

HPM Faculty Reviewer for Master's Capstone Projects

Course	Semester, Year	Master's Student Names	Master's Capstone Focus	My Role	Outcome
HPM 735: Advanced Concepts and Applications in Health Policy and Management	Fall, 2020	Adeyemi Adenola, Yoana Avitan, Nathan Barnes, Nicole Durand, Melanie Rains	<u>UNC Pharmacy Robotics:</u> Secure joint venture with ARxIUM, Becton-Dickinson, and Eshelman Institute for design, manufacture, and sales of a fully automated hazardous drug compounding robot to meet needs of UNC's Oncology Department and market in cancer centers throughout state.	Faculty reviewer of business plan presentation	Successfully defended their master's capstone project on 8/15/20, <u>graduated</u>

Green = graduated

POSTDOCS

Name	Mentee's Role at Outset	Start Date	End Date	Project Focus	My Role	Outcomes
Jackie Vaughn, PhD, RN	Postdoc in nursing	2020	2022	mHealth intervention development for symptom clusters, interrelatedness, and trajectories in children with serious illnesses	Grant mock review panel on 2/3/21, content mentor on K99/R00 application	K99/R00 to be submitted in June 2021

Green = Moved on to faculty appointment or application funded

MENTOR FOR FACULTY AND RESIDENTS

Name	Mentee's Role at Outset	Start Date	End Date	Project Focus	My Role	Outcomes
Raphael Louis, MD	T32 in geriatric oncology for physicians	2019	2020	Implementing PROs for surgery	Content mentor: implementation and PROs	Now on faculty at VCU
Gita Mody, MD	Faculty in dept of Thoracic Surgery	2018		Application for K23: Implementing PROs in thoracic surgery	Content mentor: implementation	K23 submitted 6/5/20. Not funded. Resubmitting 3/2021. Paper under review Feb 2021.
Kate Westmoreland, MD	Assist. Prof, UNC Pediatric Hem-Onc	2020	2021	UNC Project Malawi: cancer PROs	Mentor on implementation	Co-authored paper, submitted in Aug 2020
Mary-Haston Vest, PharmD, MS, BCPS	Clinical education faculty track in UNC Eshelman School of Pharmacy	2020		Implementing PROs in EPIC for specialty pharmacy at UNC Health Care	<ul style="list-style-type: none"> Co-mentor (with Jennifer Elston-Lafata, PhD) Implementation mentor 	Development award submitted 9/1/20 to American College of Clinical Pharmacy Foundation (not funded). Center for Innovation grant submitted Jan. 2021.
Emily Miller Hays, MD	Assist. Prof, Medicine, Division of Oncology	2020		Validation and implementation of a prognostic tool for patients with metastatic breast cancer	<ul style="list-style-type: none"> Co-mentor (with Katie Reeder-Hayes, MD) Implementation mentor 	<ul style="list-style-type: none"> ASCO career development award submitted 8/5/20 K submitted Oct. 2020
Rachel Hirschey, PhD, RN	Assistant Professor, School of Nursing	2021	2021	Physical activity intervention for Black CRC Survivors	Review committee in SON for K23 resubmission	Resubmitted K23 in Feb., 2021

					(1/21/21)	
Name	Mentee's Role at Outset	Start Date	End Date	Project Focus	My Role	Outcomes
Johanna Quist-Nelson, MD	Assistant Professor OBGYN-MFM	2021		Implementing use of checklists in L&D to prevent maternal morbidity and mortality	Implementation science mentor on IHQI application and NC Tracs application	Applied to IHQI Feb. 2021. Applied for NC Tracs funding Feb. 2021.

Green = Moved on to faculty appointment or application funded

EXPERT PANELS ON PROs

Internal Advisory Board member: PRO Core software intervention system

2019- Serves as internal advisory group to PRO Core department to identify future PRO needs, interventions, and trials.

American Society of Clinical Oncology (ASCO): National PROs Advisory Group

2017- Serves as advisory group to ASCO Measures Task Force to identify outcomes from the patient perspective and provide advice on measure selection for QOPI and CancerLinQ

Society of Interventional Radiology: Consensus Panel for PROs

April, 2017 *Stakeholder Perceptions of PROs as Performance Metrics in Cancer: Clinicians, Healthcare Administrators, and Health Services Researchers.* Society of Interventional Radiology Research Consensus Panel on Patient-Reported Outcomes, Washington, D.C.

April, 2017 *Implementation of an ePRO collection System: the UNC Experience.* Society of Interventional Radiology Research Consensus Panel on Patient-Reported Outcomes, Washington, D.C.

Pharmacy Quality Alliance: Expert Panel for PROs as Performance Metrics

May, 2017 *Potential Challenges for Using PROs as Performance Metrics in Pharmacy Care Delivery.* Pharmacy Quality Alliance, Washington, D.C.

International Consortium for Health Outcomes Measurement (ICHOM): Expert Panel on Testing PROs as Performance Metrics

Oct., 2017 *Testing PROs as Performance Metrics for Healthcare.* International Consortium for Health Outcomes Measurement (ICHOM), Washington, D.C.

STEERING COMMITTEES

Steering Committee for PROTEUS-PROs in Clinical Practice

- PROTEUS = Patient-Reported Outcomes Tools: Engaging Users & Stakeholders
www.TheProteusConsortium.org
- Steering Committee focuses on optimizing the use of PROs in clinical practice by partnering with stakeholder groups to disseminate resources developed to support the use of PROs in routine care including the ISOQOL User's Guide, PRO-EHR Users' Guide, Medical Care supplement, graphic display recommendations, and ePROs in Clinical Care Toolkit
- Originally funded by PCORI, and we now have unrestricted funding from Pfizer
- Monthly calls, reviewing materials, expert input, Consortium meetings
- October 1, 2020 – December 31, 2021
- Honorarium (Genentech)

Steering Committee for the European Society for Medical Oncology (ESMO) Clinical Practice Guidelines on use of PROs in clinical practice

- 2021-2022
- ESMO committee is developing international clinical practice guidelines on using PROs in clinical practice
- The ESMO Clinical Practice Guidelines, prepared and reviewed by leading experts and based on the finding of evidence-based medicine, provide clinicians with a set of recommendations to help patients with the best care options.
- Committee meets every month
- Manuscript in development
- Led by Massimo De Maio, MD (Dipartimento di Oncologia, Università degli Studi di Torino)

CMS' PROMOnC Initiative: national Technical Expert Panel (TEP)

- CMS Cooperative Agreement to the Pacific Business Group on Health (PBGH) to develop and test PRO performance measures (PRO-PMs) for oncology care (CFA 93.986)
- 2019-2021

- Quarterly calls, reviewing materials, expert input
- Honorarium

PROFESSIONAL MEMBERSHIPS

American Society of Preventive Oncology (ASPO)	2012-2013
Society of Behavioral Medicine (SBM)	2012-2014
International Society for Quality of life Research (ISOQOL)	2012-
AcademyHealth	2014-2017
American Society of Clinical Oncology (ASCO)	2015-
Alliance for Clinical Trials in Oncology	2019-
International Conference on Practice Facilitation (ICPF, emerging society)	2017-2020
North Carolina Oncology Management Society (NCOMS)	2018-2019
North Carolina Oncology Association (NCOA)	2018-2020
<ul style="list-style-type: none"> • State chapter of the Association of Community Cancer Centers 	
Expertscape ranked as “world-ranked expert in quality of life” (as of October 2019)	2019-

STATE AND NATIONAL SERVICE

Pharmacy Quality Alliance	2017
Consensus Panel on Patient Reported Outcomes-Based Performance Metrics	
*Panel member and presenter	
Serves as advisory group to identify important outcomes from the patient perspective and select PRO measures with aim of implementing them as performance metrics	
Society of Interventional Radiology (SIR) Foundation	2017-2018
Consensus Panel on Patient Reported Outcomes	
*Panel member, presenter, manuscript co-author	
Serves as advisory group to identify important outcomes from the patient perspective and select PRO measures with aim of implementing into radiology clinics	
American Society of Clinical Oncology’s (ASCO) Measures Task Force (subcommittee: Patient-Reported Outcomes)	2015-2017
* Committee Member for PRO Panel	
Serves as advisory group to Measures Task Force to identify outcomes from the patient perspective and provide advice on measure selection for QOPI and CancerLinQ	
Minnesota Community Measurement (MNCM)	2015-2017
*Committee member	
Serves as advisory group for recommending PROs for use after receipt of chemotherapy	

UNIVERSITY SERVICE

HPM Faculty Search Committee	2019-2020
<ul style="list-style-type: none"> • Research track faculty member in cancer outcomes • Search chair: Stephanie Wheeler, PhD 	
School of Nursing Research Scientist Search Committee	2020
<ul style="list-style-type: none"> • Search chair: Lixin Song, PhD, RN 	
Lineberger Comprehensive Cancer Center	2017-
<ul style="list-style-type: none"> • Reviewer: Student Posters at Annual Retreats • Reviewer: Scholarship awards for doctoral students • Reviewer: Alumni publication award 	

- Search committees

UNC Health System 2015-
 Consensus Panel on Implementing Patient Reported Outcomes into Service Delivery
 *Committee member
 Serves as advisory group to identify important outcomes from the patient perspective and select PRO measures with aim of implementing into UNC healthcare delivery

Carolina Breast Cancer Study (CBCS) 2013-2016
 Department of Epidemiology, University of North Carolina at Chapel Hill
 *Committee member
 Serves as advisory group for recommending questionnaires to include in 5-year and 7-year assessments for breast cancer survivors

AD HOC REVIEWER

Funding Organizations

Patient-Centered Outcomes Research Institute (PCORI) 2017
 Tenovus Cancer Care Foundation iGrant application review, UK 2019

Reviews for Training Programs

Training Institute on Dissemination and Implementation in Health (TIDIRH): 2018-

Abstract Reviewer for Conferences

International Society for Quality of Life Research (ISOQOL) 2016-
 Science of Dissemination & Implementation (D&I) 2017-
 PROMIS Health Organization scientific advisory committee 2019

Ad Hoc Reviewer for Journals

Annals of Oncology
 Applied Clinical Informatics (ACI Open)
 BMC Health Services Research
 BMJ Open
 British Journal of Cancer
 Cancer Biology and Medicine
 Digital Health
 eGEMs (Generating Evidence and Methods to Improve Patient Outcomes)
 Health and Quality of Life Outcomes
 Health Science Reports
 International Journal of Behavioral Medicine
 Medical Care
 Journal of Clinical Oncology (JCO)
 JCO Clinical Cancer Informatics
 Journal of General Internal Medicine
 Journal of the National Cancer Institute (JNCI)
 Journal of the National Comprehensive Cancer Network (JNCCN)
 Journal of Pain and Symptom Management
 Journal of Patient-Reported Outcomes (JPRO)
 Patient Education and Counseling
 Psychological Test and Assessment Modeling
 Psycho-Oncology

The Patient: Patient-Centered Outcomes Research
The Oncologist
Quality of Life Research (QOLR) [“Top Reviewers” Designation]
Value in Health

PUBLICATIONS

(As of March 30, 2021: Google Scholar: 3,227 citations, h-index: 21, i10 index: 30; Research Gate: 34.21)

* = student publication

Refereed Articles

Under Review

1. Haines ER*, Kirk MA, Lux L, Smitherman AB, Powell BJ, Dopp A, **Stover AM**, Birken SA. Ethnography and user-centered design to inform context-driven implementation. Revise and Resubmit at *Translational Behavioral Medicine*.
* = doctoral student
2. Haines ER*, Lux L, Smitherman A, Kessler M, Schonberg J, Dopp A, **Stover AM**, Powell B, Birken S. An actionable needs assessment for adolescents and young adults with cancer: the AYA Needs Assessment & Service Bridge (NA-SB). Under review at *Supportive Care in Cancer*.
* = doctoral student
3. Ellis GK, Chapman H, Manda A, Salima A, Itimu S, Banda G, Seguin R, Manda G, Butia M, Huibers M, Ozuah N, Tilly A, **Stover AM**, Basch E, Gopal S, Reeve BB, Westmoreland KD. Pediatric lymphoma patients in Malawi present with poor health-related quality of life at diagnosis, and improve throughout treatment and follow-up across all Pediatric PROMIS-25 domains. Revise and resubmit at *Pediatric Blood & Cancer*.
4. Mody GN, Wang M, Jansen J, Henson S, **Stover AM**, Chung A, Jonsson M, Bennett AV, Smith AB, Wood W, Deal A, Ginos B, Dueck AL, Schrag D, Basch E. Patient-reported symptoms during chemotherapy for lung cancer: results of a real-world clinical trial. Under review at *J Clin Oncol*.

Published Articles

1. Ackerman KD, **Stover A**, Heyman R, Anderson BP, Houck PR, Frank E, Rabin BS, Baum A. Relationship of cardiovascular reactivity, stressful life events, and Multiple Sclerosis disease activity. *Brain, Behavior, and Immunity* 2003;17:141-151. PMID: 12706412
2. Gibbons RD, Bock D, Hedeker D, Weiss DJ, Segawa E, Bhaumik R, Kupfer DJ, Frank E, Grochocinski VJ, **Stover A**. Full-information item bi-factor analysis of graded response data. *Applied Psychological Measurement* 2007;31:4-19. PMID: PMC3551289
3. Gibbons RD, Weiss DJ, Kupfer DJ, Frank E, Fagiolini A, Grochocinski VJ, Bhaumik DK, **Stover A**, Bock RD, Immekus J. Using computerized adaptive testing to reduce the burden of mental health assessment. *Psychiatric Services* 2008;59:361-368. PMID: PMC2916927
4. Castel LD, Williams KA, Bosworth HB, Eisen SV, Hahn EA, Irwin DE, Kelly MAR, Morse JQ, **Stover AM**, Dewalt DA, DeVellis RF. Content validity in the PROMIS Social Health domain: a qualitative analysis of focus group data. *Quality of Life Research* 2008;17:737-749. PMID: PMC2757448.
5. Klem ML, Saghafi E, Abromitis R, **Stover A**, Dew MA, Pilkonis PA. Building PROMIS item banks: librarians as co-investigators. *Quality of Life Research* 2009;18:881-888. PMID: PMC2744389
6. Buysse DJ, Yu L, Moul DE, Germain A, **Stover A**, Dodds NE, Johnston KL, Shablesky MA, Pilkonis PA. Development and validation of patient-reported outcome measures for sleep disturbance and sleep-related impairment. *Sleep* 2010;33:781-92. PMID: PMC2880437

7. Kelly MAR, Morse JQ, **Stover A**, Hofkens T, Huisman E, Shulman S, Eisen SV, Becker SJ, Weinfurt K, Boland E, Pilkonis PA. Describing depression: Congruence between patient experiences and clinical assessments. *British Journal of Clinical Psychology* 2011;50:46-66. PMID: PMC3136556
8. Pilkonis PA, Choi SW, Reise SP, **Stover AM**, Riley WT, Cella D. Item banks for measuring emotional distress from the Patient-Reported Outcomes Measurement Information System (PROMIS): depression, anxiety, & anger. *Assessment*, 2011;18:263-283. PMID: PMC3153635
9. Yu L, Buysse DJ, Moul DE, Germain A, **Stover A**, Dodds NE, Johnston KL, Shablesky-Cade M, Pilkonis PA. Short form development of patient-reported outcome measures for sleep disturbance and sleep-related impairment. *Behavioral Sleep Medicine* 2012;10:6-24. PMID: PMC3261577
10. Reeve BB, **Stover AM**, Jensen RE, Chen RC, Taylor KL, Clauser SB, Collins SP, Potosky AL. Impact of diagnosis and treatment of clinically-localized prostate cancer on health-related quality of life for older Americans: a population-based study. *Cancer* 2012;118:5679-5687. PMID: PMC3410051
11. Reeve BB, **Stover AM**, Alfano CM, Piper BF, Bernstein L, Baumgartner K, McTiernan A, Ballard Barbash R. The Piper Fatigue Scale-12 (PFS-12): Psychometric Findings and Item Reduction in a Cohort of Breast Cancer Survivors. *Breast Cancer Research and Treatment* 2012;136:9-20. PMID: PMC3739964.
12. Pilkonis PA, Yu L, Colditz J, Dodds N, Johnston KL, Maihoefer C, **Stover A**. Item Banks for Alcohol Use from the Patient-Reported Outcomes Measurement Information System (PROMIS®): Use, Consequences, and Expectancies. *Drug and Alcohol Dependence* 2013;130:167-177. PMID: PMC3596476
13. White AJ, Reeve BB, Chen R, **Stover AM**, Irwin D. Urinary incontinence and health-related quality of life among older Americans with and without cancer. *BMC Cancer* 2013;13:377. PMID: PMC3750543.
14. **Stover AM**, Reeve BB, Piper B, Alfano C, Wilder Smith A, Mitchell S, Bernstein L, Baumgartner KB, McTiernan A, Ballard-Barbash R. Deriving Clinically Meaningful Cut-scores for Fatigue in a Cohort of Breast Cancer Survivors: a Health, Eating, Activity, and Lifestyle (HEAL) Study. *Quality of Life Research* 2013;22:2279-2292. PMID: PMC3823669.
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* **Featured review in Breast Diseases – Yearbook (2014; 25(4): 310-311)**
<http://bit.ly/1ABz9NI>

***Featured nationally:**

- MDLINX.com (<http://bit.ly/15MJdb5>)
- Association of Schools and Programs of Public Health (ASPPH) in Washington, D.C.

*** I was awarded the "Michael S. O'Malley Alumni Award for Publication Excellence in Cancer Population Sciences" at UNC-CH for this paper (2017)**

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17. Carpenter DM, **Stover AM**, Sleath B, Ayala GX, Davis S, Williams D. An evaluation of physicians' engagement of children with asthma in treatment-related discussions. *Journal of Child Health Care* 2014;18:261-274. PMID: PMC5379471.
18. **Stover AM**, Irwin D, Chen RC, Chera BS, Mayer DK, Muss H, Rosenstein DL, Shea TC, Wood WA, Lyons JC, Reeve BB. Integrating patient-reported measures into routine cancer care: Cancer patients' and clinicians' perceptions of acceptability and value. *eGEMs (Generating Evidence and Methods to Improve Patient*

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19. **Stover AM**, Basch EM. Using patient-reported outcomes as a quality indicator in routine cancer care. *Cancer* 2016;122:355-357. PMID: 873969. PMID: PMC5501295.
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21. **Stover AM**, Basch EM. Implementing Symptom Questionnaires into Oncology Workflow. *Journal of Oncology Practice* 2016;12(10):859-862. PMID: 873971. PMID: PMC5508563.
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***Featured nationally: OncToday.com**

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24. Freeman AT, **Stover AM**, Grover NS, Shea TC, Reeve BB, Wood WA. Patient perspectives on physical function after allogeneic hematopoietic stem cell transplantation: a pilot qualitative study. *Bone Marrow Transplantation*. 2017;52(10):1483-1484. PMID: 28783149. PMID: pending.
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*Doctoral student

30. **Stover AM**, Tompkins Stricker C, Hammelef K, Henson S, Carr P, Jansen J, Deal A, Bennett AV, Basch EM. Using stakeholder engagement to overcome barriers to implementing Patient-Reported Outcomes

(PROs) in cancer care delivery: Approaches from three prospective studies. “PRO-Cision” Medicine Toolkit. *Med Care*. 2019;55(7) Supplement 1:S92–S99. PMID: 30985602. PMCID: pending.

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Runner-up for “2019 best paper of the year” award for Journal of Patient Reported Outcomes (JPRO)
32. Bryant AL, Coffman E, Phillips B, Tan X, Bullard E, Hirschey R, Bradley J, Bennett AV, **Stover AM**, Shea TC, Wood W. Pilot randomized trial of an electronic symptom monitoring and reporting intervention for hospitalized adults undergoing hematopoietic stem cell transplantation. *Support Care Cancer*. 2020;28:1223–1231. PMCID: PMC6923608.
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34. **Stover AM**, Urick BY, Deal AM, Teal R, Vu MB, Carda-Auten J, Jansen J, Chung AE, Bennett AV, Chiang A, Cleeland C, Deutsch Y, Tai E, Zylla D, Williams L, Pitzen C, Snyder C, Reeve BB, Smith T, McNiff K, Cella D, Neuss MN, Miller R, Atkinson TM, Spears PA, Smith ML, Geoghegan C, Johnson K, Basch EM. Performance measures based on how adults with cancer feel and function: Stakeholder recommendations and feasibility testing in six cancer centers. *JCO Oncol Pract*. 2020;16(3):e234–e250. PMCID: PMC7069703.
35. Check DK, Zullig LL, Davis M, Davies L, Chambers DA, Fleisher L, Kaplan SJ, Proctor E, Ramanadhan S, Schroeck FR, **Stover AM**, Koczwara B. Improvement Science and Implementation Science in Cancer Care: Identifying areas of synergy and opportunities for further integration. *J Gen Intern Med*. 2020; in press. First published online 31 August 2020. PMCID pending. PMID: 32869193. DOI: 10.1007/s11606-020-06138-w
36. **Stover AM**, Haverman L, van Oers H, Greenhalgh J, Potter CM, on behalf of the ISOQOL PROMs/PREMs in clinical practice implementation science workgroup. Using an implementation science approach to implement and evaluate Patient-Reported Outcome Measures (PROM) initiatives in routine care settings. (5-paper supplement). *Qual Life Res*. 2020. DOI: 10.1007/s11136-020-02564-9. PMCID pending. PMID: 32651805. Open access: <https://link.springer.com/article/10.1007/s11136-020-02564-9>
37. Basch EM, **Stover AM**, Chung A, Schrag D, Jansen J, Henson S, Carr P, Ginos B, Deal A, Jonsson M, Mody G, Thanarajasingam G, Rogak L, Reeve B, Snyder C, Kottschade LA, Bruner D, Dueck A. Clinical utility and user perceptions of a digital platform for electronic patient-reported outcome symptom monitoring during routine cancer care: Findings from the PRO-TECT trial (AFT-39). *JCO Clin Cancer Informatics*. 2020;4:947–957. PMCID pending.
38. Roberts NA*, Janda M, **Stover AM**, Alexander K, Wyld D, Mudge A. The utility of the implementation science framework “Integrated Promoting Action on Research Implementation in Health Services” (i-PARIHS) and the facilitator role for introducing patient reported outcome measures (PROMs) in a medical oncology outpatient department. *Qual Life Res*. 2021. First published online 21 October 2020. DOI: 10.1007/s11136-020-02669-1 PMCID pending. PMID: 33089474.
* = doctoral student in Australia
39. Wood WA, Deal AD, **Stover AM**, Basch EM. Comparing clinician-assessed and patient-reported performance status for predicting morbidity and mortality in patients with advanced cancer receiving chemotherapy. *JCO Oncol Pract*. 2021; in press. First published online 8 January 2021. DOI: 10.1200/OP.20.00515. PMID: 33417484. PMCID pending.
40. **Stover AM**, Schougaard LMV, Absolom K. Registered reports: Clarifications and opportunities from

ISOQOL'S Special Interest Group for Clinical Practice. *Qual Life Res.* 2020;29(12):3183-3184.
DOI: 10.1007/s11136-020-02695-z. PMID: 33201390. PMCID pending.

41. Diepstra KL*, Barr L, Palm D, Hogg E, Mollan KR, Henley L, **Stover AM**, Perry KE, Simoni JM, Sugarman J, Brown B, Saucedo JA, Deeks S, Fox L, Gandhi RT, Smith D, Li JZ, Dubé K. Participant Perspectives Entering an Intensively Monitored Antiretroviral Pause: Results from the AIDS Clinical Trials Group A5345 Biomarker Study. *AIDS Res Human Retroviruses.* 2021. PMCID pending.

*Doctoral student (Epi)

White Paper Published (peer-reviewed, publicly available, and indexed in PubMed)

1. **Stover AM**, Urick BY, Deal A, Jansen J, Basch EM. Development and Evaluation of a Patient-Centered Approach to Assess Quality of Care: Patient-Reported Outcomes-based Performance Measures (PRO-PMs): Final Research Report for PCORI ME-1507-32079. 107 pages. Washington, D.C.: Patient Centered Outcomes Research Institute. Available at www.pcori.org

Book Chapter Published

1. **Stover AM.** *Chapter 10. Care Delivery Case Study: Implementing Patient-Reported Outcomes (PROs) Measures into Routine Cancer Care Delivery.* In: *Optimizing the Cancer Control Continuum: Advancing Implementation Research* (David A. Chambers, Cynthia Vinson, and Wynne E. Norton, eds). Oxford University Press: New York, NY, 2018.

Manuscripts in Preparation

1. Urick B, **Stover AM**, Jansen J, Carr P, Henson S, Basch E. Developing symptom questionnaires as performance metrics for chemotherapy: Measures specifications in the Patient-Reported Outcomes-based Performance Metrics (PRO-PM) study. In Preparation for Value in Health.
2. **Stover AM**, Henson S, Bennett AV, Jansen J, Jonsson M, Shirk A, Basch EM. Demographic and symptom differences in PRO-TECT trial (AFT-39) cancer patients electing to complete weekly home patient-reported outcome measures (PROMs) via an automated phone call vs. email: Implications for implementing PROMs into routine care. In Preparation for Qual Life Res.
3. **Stover AM**, Kurtzman R, Walker J, Atkinson T, Ellis CT, Freeman A, Turner K, Mazzolli M, Jansen J, Carr P, Basch EM. Stakeholder perceptions of key aspects of high-quality cancer care to assess with Patient Reported Outcomes: A systematic review. In Preparation for Cancers.

DEVELOPER OF SCALES/ITEM BANKS

1. PROMIS Depression (2009): *Pilkonis et al. Assessment 2011: 18, 263-283*
 - 28 items in full item bank (Unidimensional), 8 items on static short form
2. PROMIS Anxiety (2009): *Pilkonis et al. Assessment 2011: 18, 263-283*
 - 27 items in full item bank (Unidimensional), 8 items on static short form
3. PROMIS Anger (2009): *Pilkonis et al. Assessment 2011: 18, 263-283*
 - 27 items in full item bank (Unidimensional), 8 items on static short form
4. PROMIS Sleep Disturbance (2010): *Buysse et al. Sleep 2010: 33, 781-92*
 - 24 items in full item bank (Unidimensional), 8 items on static short form
5. PROMIS Sleep-Related Impairment (2010): *Buysse et al. Sleep 2010: 33, 781-92*
 - 16 items in full item bank (Unidimensional), 8 items on static short form
6. PROMIS Alcohol Use (2011): *Pilkonis et al. Drug & Alcohol Dependence 2013: 130, 167-177*

- 108 items in full item bank
 - 5-factor structure: Consumption, Negative Consequences, Positive Consequences, Negative Expectancies, and Positive Expectancies
7. Piper Fatigue Scale – 12 (PFS-12 for breast cancer survivors) (2012): *Reeve et al. Breast Cancer Research and Treatment 2012: 136, 9-20 and Stover et al. Quality of Life Research 2013: 22, 2279-2292*
- 22 items reduced to a 12-item static form by considering psychometric properties of items (IRT), scale reliability, differential item functioning (DIF), and content validity
8. Patient-Reported Symptom Monitoring (PRSM) System (2015): *Stover et al. eGEMs 2015; 2(1): Article 23. DOI: <http://dx.doi.org/10.13063/2327-9214.1169>*
- 22 items assessing symptoms, physical function decrements, and quality of life evaluated in cancer patients at the NC Cancer Hospital

PRESENTATIONS

* = student or resident advisee

Presentations under Review

1. Patel AM, Wilfong LS, Basch EM, **Stover AM**, Franklin M, Pearson B, Patt DA. Optimizing Clinician Alerts for Concerning Symptoms in an Electronic Patient-Reported Outcomes (ePRO) System in Community Oncology. Presentation under review at the American Medical Informatics Association (AMIA), San Diego, CA, November, 2021.
2. Kurtzman RT*, Walker Bissram J, Turner K, Atkinson T, Jensen J, Carr P, Ellis CT, Freeman A, Basch EM, **Stover AM**. Stakeholder perceptions of key aspects of high-quality cancer care to assess with Patient Reported Outcomes: A systematic Review. Presentation under review at the International Society for Quality of Life research (ISOQOL), virtual, October, 2021.

* = doctoral student

Plenary Presentations (Peer-reviewed)

1. Pilkonis PA, Choi SW, Reise SP, **Stover AM**, Riley WT, Cella D. Item Banks for Measuring Emotional Distress from the Patient-Reported Outcomes Measurement Information System (PROMIS): Depression, Anxiety, and Anger. Symposia presented at the annual meeting of the Society for Behavioral Medicine, Washington, D.C., April, 2011.
2. Snyder C, Brundage M, Wu A, **Stover AM**, et al. PRO-cision Medicine Toolkit Methods Paper Series. Symposia presented at the annual meeting of the International Society for Quality of Life research (ISOQOL), Dublin, Ireland, October, 2018.
3. **Stover AM**, Henson S, Deal A, Bennett AV, Jansen J, Jonsson M, Shirk A, Basch EM. Demographic and symptom differences in PRO-TECT trial (AFT-39) cancer patients electing to complete weekly home patient-reported outcome measures (PROMs) via an automated phone call vs. email: Implications for implementing PROMs into routine care. “Cutting edge research” plenary (podium presentation) at the International Society for Quality of Life (ISOQOL) research, San Diego, CA, October 2019. *Qual Life Res.* 2019;28 (supplement 1):S1.

Symposia Presentations (Peer-reviewed)

1. **Stover AM**, moderator and lead. Using an implementation science approach to implement and evaluate Patient Reported Outcome Measures (PROM) initiatives in routine care settings. Symposium presented at the International Society for Quality of Life research, virtual, Czech Republic, October, 2020. 90 minutes.

Supporting abstracts:

- Carolina Potter, DPhil, University of Oxford, Oxford: “One vehicle, too many wheels: towards consistent use of theory for guiding the implementation of PROMs/PREMs in routine clinical practice”
- Sara Ahmed, PhD, McGill University, Montreal, Quebec, Canada: “Implementation of PROMs in routine clinical care within an integrated pain network”
- Natasha Roberts, PhD, Queensland University of Technology, Kelvin Grove, Australia; “Using the Integrated framework Promoting Action Research in Health Services (iPARIHS) Framework to study implementation of PROMs into oncology care”
- Kimberly Manalili, PhD Candidate, University of Calgary, Calgary, Alberta, Canada; “Using Implementation Science to Inform Integration of Electronic Patient-Reported Experience Measures (ePREMs) into Healthcare Quality Improvement”
- Hedy van Oers, PhD, Emma Children's Hospital Amsterdam UMC, Amsterdam, Netherlands: “Implementation of the KLIK PROM portal using the Consolidated Framework for Implementation Research (CFIR) retrospectively”
- **Angela Stover, PhD**, University of North Carolina at Chapel Hill, Chapel Hill, NC, U.S.: “Implementation science metrics to evaluate patient-reported outcome measure (PROM) implementation initiatives in routine care settings”

2. Wolff A, moderator and lead. Putting the horse before the cart: understanding the needs and individual factors influencing health care providers' behaviour to integrate PROMs in daily practice. Special Interest Group (SIG) Symposium presented at the International Society for Quality of Life research (ISOQOL), virtual, October, 2021. 60 minutes.

Supporting abstracts:

- Angela Wolff, PhD, RN, Associate Professor, School of Nursing, Trinity Western University, Langley, BC, Canada
- Cecilia Pompili, PhD, MD, Leeds Institute of Medical Research at St James's, University of Leeds; Leeds Cancer Centre, St James's University Hospital, Leeds, UK
- **Stover AM**, Kurtzman R, Smith AB, Chung AE. What are the training needs of primary care stakeholders to implement clinic-wide depression screening with PROMs?: stakeholder perceptions and lessons learned. Symposium title: “Putting the horse before the cart: understanding the needs and individual factors influencing health care providers' behaviour to integrate PROMs in daily practice.” Symposium presented at the annual meeting of the International Society for Quality of Life research (ISOQOL), virtual, October, 2021.
- Lorynn Teela, MSc, Emma Children's Hospital, Amsterdam UMC, University of Amsterdam, Child and Adolescent Psychiatry & Psychosocial Care, Amsterdam Reproduction and Development, Amsterdam Public Health, Amsterdam, The Netherlands
- Gita Mody, MPH, MD Assistant Professor, Director of Thoracic Surgical Oncology, UNC-Chapel Hill, US

Invited Statewide Lecture to Improve Cancer Care Delivery

1. **Stover AM**. Patient reported outcomes and patient-centered cancer care. UNC Cancer Network (UNCCN). Live lecture in July 2020 with >100 attendees. CNE, ACPE, ASRT credit offered for live and recorded lecture. 1-hour live webinar.

Open access:

<https://uncn.mediasite.mcn.org/mcnc/Showcase/unccancernetworkvideolibrary/Presentation/42b287f354d24bdbab6e4339dad7b7971d>

Invited Facilitator for National Work Groups or Workshops

1. **Stover AM**, Gold R. National Cancer Institute's 2020 "Implementation Science Consortium in Cancer" (ISCC). September 22-23, 2020 (virtual due to COVID-19). Co-facilitated the work group, "Technology and implementation science." <https://cancercontrol.cancer.gov/is/initiatives/iscc>
2. **Stover AM**. Association of Community Cancer Centers (ACCC) 2020 immuno-oncology workshop on patient reported outcomes and big data. November 18, 2020 (1-hour panel discussion followed by 2-hour workshop I facilitated). Honorarium (\$1,000). Virtual due to COVID-19. <https://www.accc-cancer.org/home/learn/immunotherapy>

Invited Chair for Conference Oral Session

1. **Stover AM**. Oral Session chair at the 25th Annual Conference of the International Society for Quality of Life research (ISOQOL) in Dublin, Ireland (24-27 October 2018). The session was titled, Oral Session 202: Meeting the Needs of Stakeholders, and was held on Friday, 26 October at 2:00 pm – 3:30 pm.

Podium Presentations (Peer-reviewed)

1. Ackerman KD, Baum A, Heyman R, Rabin B, Frank E, **Stover A**. *Stress and multiple sclerosis*. Paper presented at the annual meeting of the National Multiple Sclerosis Society, Pittsburgh, PA, October, 2001.
2. Pilkonis PA, Kupfer DJ, Buysse DJ, Cyranowski J, Dew MA, Eisen S, Germain A, Ghinassi F, Grochocinski V, Klem M, Moul D, Rudy T, Thompson W, Weiss DJ, **Stover A**, Dodds N, Hirtz K. *The promise of PROMIS*. Paper presented at the Academy of Behavioral Medicine Research, Wheeling, WV, June, 2005.
3. Moul DE, Klem ML, Abromitis R, Saghafi E, Buysse DJ, Germain A, **Stover A**, Shablesky M, Dodds N, Pilkonis PA. *Integration of the sleep/wake functioning domain into the PROMIS Network initiative for computer-assisted acquisition of emotional distress and physical functioning self-reports in clinical trials: Item banking and preliminary progress*. Paper presented at the Associated Professional Sleep Society Meeting (APSS), Salt Lake City, UT, June, 2006.
4. Carpenter DM, **Stover A**, Sleath B, Ayala GX, Davis S. *Engagement concordance during pediatric medical encounters: What is it and why is it important?* Paper presented at the Society for Medical Decision Making meeting, Chicago, IL, October, 2011.
5. **Stover AM**, Reeve BB, Piper B, Alfano CM, Wilder Smith A, Mitchell S, Bernstein L, Baumgartner KB, McTiernan A, Ballard-Barbash R. *Assessing the Association of Cancer-Related Fatigue Thresholds on the Piper Fatigue Scale-12 with Sexual Functioning in a Population-Based Cohort of Breast Cancer Survivors: A HEAL Study*. Paper presented at the annual meeting of the International Society of Quality of Life Research (ISOQOL), Budapest, Hungary, October, 2012.
6. Birken S, Jacobs S, **Stover AM**, Weiner B. *Improving the Ability of Behavior Change Theories to Predict Healthcare Professionals' Behavior*. Paper presented at the 2013 annual meeting of the Academy of Management, Orlando, FL, August, 2013.
7. **Stover AM**, Irwin DE, Chen RC, Chera BS, Mayer DK, Muss HB, Rosenstein, DL, Shea TC, Wood WA, Lyons JC, Reeve BB. *A pilot study implementing real-time, electronic patient-reported data into cancer care: Cancer patients' and clinicians' perceptions of acceptability and value*. Podium presentation at the annual meeting of National Research Service Award (NRSA) trainees, AcademyHealth, San Diego, CA, June, 2014.
8. **Stover AM**, Rini CM, Mayer DK, Earp J, Linnan L, Wilder Smith A, Alfano CM, Ballard-Barbash R, Baumgartner KB, George S, Reeve BB. *Identifying breast cancer survivors with a pattern of low physical activity and high sedentary behavior from pre-diagnosis through 10 years post-diagnosis*. Podium presentation at the annual meeting of National Research Service Award (NRSA) trainees, AcademyHealth, Minneapolis,

MN, June, 2015.

9. **Stover AM**, Teal R, Vu M, Chung AE, Jansen J, Basch EM. Stakeholder Perceptions of Facilitators and Barriers for PRO-Based Performance Measures in Five U.S. Healthcare Systems. Podium presentation at the International Society of Quality of Life (ISQOOL) research, Philadelphia, PA, October, 2017.
10. **Stover AM**, Tompkins Stricker C, Wujcik D, Hammelef K, Basch EM. Methods for alerting clinicians to concerning symptom questionnaire responses during cancer care: Approaches from three prospective studies. Podium presentation at the “PRO-Cision” Medicine Toolkit Meeting, Baltimore, MD, June, 2018.
11. **Stover AM**, Henson S, Stricker C, et al. Methods for alerting clinicians to concerning symptom questionnaire responses during cancer care: Approaches from two randomized trials. Rapid presentation at the ASCO Quality of Care Symposium, Phoenix, AZ, September, 2018.
12. **Stover AM**, Urick B, Deal A, Jansen J, Henson S, Miller R, Smith T, Scholle S, Chiang A, Cleeland C, Deutsch Y, Zylla D, Pitzen C, Snyder C, McNiff K, Krzyzanowska M, Spears P, Smith ML, Geoghegan C, Basch EM. Development and testing of patient-reported outcome performance measures (PRO-PMs) for oncology practice. Rapid podium presentation at the ASCO Quality of Care Symposium, San Diego, CA, September, 2019.
13. Urick B, **Stover AM**, Deal A, Jansen J, Henson S, Miller R, Smith T, Scholle S, Chiang A, Cleeland C, Deutsch Y, Zylla D, Pitzen C, Snyder C, McNiff K, Krzyzanowska M, Spears P, Smith ML, Geoghegan C, Basch EM. Development and testing of patient-reported outcome performance measures (PRO-PMs) for comparing oncology practices. Podium presentation at ISPOR Europe, Copenhagen, Denmark, October, 2019.
14. Check D, Zullig LL, Davis M, **Stover AM**, Davies L, Schroeck FR, Fleisher L, Chambers D, Proctor E, Koczwara B. Quality improvement and implementation science in cancer care: Identifying areas of synergy and opportunities for further integration. Podium presentation at the Dissemination and Implementation conference, Washington, D.C., December, 2019.

Invited Talks

1. **Stover AM**. Bringing the Patient Voice into Cancer Care Delivery and Quality Assessment. Department of Health Outcomes and Policy, University of Florida, Gainesville, FL. (Honorarium), November, 2016.
2. **Stover AM**. PRO-TECT: PROs to Enhance Cancer Treatment (AFT-39). Alliance for Clinical Trials in Oncology semi-annual meeting, Chicago, IL, May 2017.
3. **Stover AM**. Stakeholder Perceptions of PROs as Performance Metrics in Cancer: Clinicians, Healthcare Administrators, and Health Services Researchers. Society of Interventional Radiology Research Consensus Panel on Patient-Reported Outcomes, Washington, D.C., April 2017.
4. **Stover AM**. Implementation of an ePRO collection System: the UNC Experience. Society of Interventional Radiology Research Consensus Panel on Patient-Reported Outcomes, Washington, D.C, April 2017.
5. **Stover AM**. Potential Challenges for Using PROs as Performance Metrics in Pharmacy Care Delivery. Pharmacy Quality Alliance Consensus Panel on Patient-Reported Outcomes, Washington, D.C., May 2017.
6. **Stover AM**. The future of PRO-Based Performance Metrics (PRO-PMs). International Consortium for Health Outcomes Measurement (ICHOM). Washington, D.C., October 2017.
7. **Stover AM**, Nilsen P. Beyond Semantics and Toward Better Care: Improvement Science and Implementation Science in Cancer. Lineberger Comprehensive Cancer Center outcomes seminar, University of North Carolina at Chapel Hill, October 2018.

8. **Stover AM.** My research program on patient-reported outcomes. Dean's Lunch Seminar Series, Gillings School of Global Public Health. Chapel Hill, NC, August, 2019.
9. **Stover AM.** Development of PRO-based performance measures in oncology. Session title: The Quality Landscape: Charting the Course for Success. American Medical Association-convened Physician Consortium for Performance Improvement conference, Chicago, IL, November, 2019. (Expenses paid).
10. **Stover AM.** Best practices and lessons learned for implementing patient reported outcome measures in routine care settings. Henry Ford Cancer Institute Grand Rounds, Detroit, MI, June 2021. (Honorarium).

POSTERS

Peer-Reviewed Posters

1. **Stover A,** Webster SK, Park K. *Role conflict and psychological health in non- traditional students.* Poster presented at the annual meeting of the Eastern Psychological Association, Boston, MA, March, 1998.
2. **Stover A,** Webster SK, Park K. *A path model to predict role conflict and psychological well-being in non-traditional students.* Poster presented at the 26th annual undergraduate psychology conference, Meadville, PA, April, 1998.
3. **Stover A,** Heyman R, Frank E, Houck P, Rabin B, Baum A, Ackerman K. *Stressful life events, coping, and susceptibility to exacerbations.* Poster presented at the annual meeting of the Consortium of Multiple Sclerosis Centers, Chicago, IL, June, 2002.
4. Moul DE, Klem ML, Abromitis R, Saghafi E, Buysse DJ, Germain A, **Stover A,** Shablesky M, Dodds NE, Pilkonis PA. *Sleep-wake functioning outcomes in PROMIS: Item banking and preliminary progress.* Poster presented at the inaugural conference of the National Institutes of Health's Patient-Reported Outcomes Measurement Information System (PROMIS), Gaithersville, MD, September, 2006.
5. Cyranowski J, Pilkonis PA, Dew MA, Rudy T, **Stover A,** Kupfer DJ. *Improving our understanding of the relationships between psychiatric and medical conditions.* Poster presented at the inaugural conference of the National Institutes of Health's Patient-Reported Outcomes Measurement Information System (PROMIS), Gaithersville, MD, September, 2006.
6. Castel LD, Williams KA, Bosworth HB, Eisen SV, Hahn EA, Irwin DE, Kelly MAR, Morse J, **Stover A,** DeWalt DA, DeVellis RF. *Content validity in the PROMIS social health domain: A qualitative analysis of focus groups.* Poster presented at the second conference of the National Institutes of Health's Patient-Reported Outcomes Measurement Information System (PROMIS), Bethesda, MD, March, 2008.
7. Pilkonis PA, Buysse DJ, Choi S, Cyranowski J, Dew MA, Dodds N, Eisen S, Germain A, Ghinassi F, Johnston KL, Klem ML, Kupfer DJ, Moul D, Reise SP, Riley W, Rudy T, **Stover A.** *Emotional distress measurement: Depression, Anxiety, and Anger item banks.* Poster presented at the second conference of the National Institutes of Health's Patient-Reported Outcomes Measurement Information System (PROMIS), Bethesda, MD, March, 2008.
8. Kelly MAR, Morse JQ, **Stover A,** Hofkens T, Huisman E, Shulman S, Eisen S, Becker SJ, Weinfurt K, Pilkonis PA. *External validation of the PROMIS depression item bank via patient focus groups.* Poster presented at the second conference of the National Institutes of Health's Patient-Reported Outcomes Measurement Information System (PROMIS), Bethesda, MD, March, 2008.
9. Moul D, Germain A, Yu L, **Stover A,** Pilkonis PA, Buysse DJ. *PROMIS Sleep-wake function: Collection difficulties and reference ranges for time-based items.* Poster presented at the second conference of the National Institutes of Health's Patient-Reported Outcomes Measurement Information System (PROMIS), Bethesda, MD, March, 2008.

10. **Stover A**, Germain A, Buysse DJ, Moul D, Hofkens T, Walsh C, Huisman E., Dodds N, Johnston KL, Shablesky M, Shulman S. *Pittsburgh PROMIS: Incorporating the patient perspective into the item banking process for Sleep-Wake Function (SWF)*. Poster presented at the second conference of the National Institutes of Health's Patient-Reported Outcomes Measurement Information System (PROMIS), Bethesda, MD, March, 2008.
11. Yu L, Buysse DJ, Moul DE, Germain A, **Stover A**, Dodds NE, Johnston KL, Shablesky-Cade M, Pilkonis PA. *Short form development of Patient-Reported Outcome Measures for sleep disturbance and sleep-related impairment*. Poster presented at the 10th annual research conference at Western Psychiatric Institute and Clinic, University of Pittsburgh, Pittsburgh, PA, June, 2010.
12. Colditz J, Yu L, Johnston K, Dodds N, **Stover A**, Maihoefer C, Pilkonis PA. *PROMIS Alcohol Use item banks: Construction and calibration*. Poster presented at the 11th annual research conference at Western Psychiatric Institute and Clinic, University of Pittsburgh, Pittsburgh, PA, June, 2011.
13. **Stover AM**, Reeve BB, Piper B, Alfano C, Wilder Smith A, Mitchell S, Bernstein L, Baumgartner KB, McTiernan A, Ballard-Barbash R. *Deriving Clinically Meaningful Cut-Points for the Piper Fatigue Scale (PFS): Building a Case-Definition for Cancer-Related Fatigue*. Poster presented at the annual meeting of the American Society of Preventive Oncology (ASPO), Washington, D.C., March, 2012.
14. **Stover AM**, Reeve BB, Piper B, Alfano C, Bernstein L, Baumgartner KB, McTiernan A, Ballard-Barbash R. *The Piper Fatigue Scale-Short Form (PFS-SF): Psychometric Findings and Item Reduction in a Cohort of Breast Cancer Survivors*. Poster presented at the annual meeting of the Society for Behavioral Medicine, New Orleans, LA, April, 2012.
15. **Stover AM**, Reeve BB, Piper B, Alfano C, Wilder Smith A, Mitchell S, Bernstein L, Baumgartner KB, McTiernan A, Ballard-Barbash R. *Deriving Clinically Meaningful Cut-Points for the Piper Fatigue Scale (PFS): Building a Case-Definition for Cancer-Related Fatigue*. Poster presented at the annual scientific meeting of the Lineberger Comprehensive Cancer Center, Chapel Hill, NC, May, 2012.

First Place Winner – Best Student Poster in Population Sciences

16. **Stover AM**, Reeve BB, Piper B, Alfano CM, Wilder Smith A, Mitchell S, Bernstein L, Baumgartner KB, McTiernan A, Ballard-Barbash R. *The Piper Fatigue Scale: Item Reduction and Psychometric Testing Offer Expanded Opportunities for Cancer Care Applications*. Poster presented at the biennial meeting of the National Cancer Institute's Survivorship Conference, Arlington, VA, June, 2012.
17. **Stover AM**, Linnan LL, Swanberg J. *Employment Support Needs and Perceived Quality of Work Life during Cancer Survivorship*. Poster presented at the biennial meeting of the National Cancer Institute's Survivorship Conference, Arlington, VA, June, 2012.
18. **Stover AM**, Reeve BB, Muss H, Mayer DK, Wheeler S, Lyons J. *Physical Functioning Changes in Women with and without Breast Cancer: A Matched Comparative Study of Medicare Beneficiaries*. Poster presented at the 2013 annual meeting of the Society of Behavioral Medicine, San Francisco, CA, March, 2013.
19. **Stover AM**, Mayer DK, Muss H, Wheeler SB, Lyons J, Reeve BB. *Are Health-Related Quality of Life Decrements after Breast Cancer Diagnosis Time-Limited for Women Ages 65 and Older?: A Matched Comparative Study of Medicare Beneficiaries*. Poster presented at the annual meeting of the International Society for Quality of Life research, Miami, FL, October, 2013.
20. **Stover AM**, Irwin DE, Chen RC, Chera BS, Mayer DK, Muss HB, Rosenstein DL, Shea TC, Wood WA, Lyons JC, Reeve BB. *Implementing real-time, electronic patient-reported data into cancer care: Cancer patients' and clinicians' perceptions of acceptability and value*. Poster presented at the annual scientific meeting of the Lineberger Comprehensive Cancer Center, Chapel Hill, NC, May, 2014.

First Place Winner – Best Student Poster in Clinical/Translational Sciences

21. **Stover AM**, Irwin DE, Chen RC, Chera BS, Mayer DK, Muss HB, Rosenstein DL, Shea TC, Wood WA, Lyons JC, Reeve BB. *A pilot study implementing real-time, electronic patient-reported data into cancer care: Cancer patients' and clinicians' perceptions of acceptability and value*. Poster presented at the annual meeting of AcademyHealth, San Diego, CA, June, 2014.

22. **Stover AM**, Mayer DK, Muss H, Wheeler SB, Lyons J, Reeve BB. *Quality of life changes during the pre- to post-diagnosis period and treatment- related recovery time in older women with breast cancer*. Poster presented at the annual meeting of AcademyHealth, San Diego, CA, June, 2014.
23. **Stover AM**, Mayer DK, Muss H, Wheeler SB, Lyons J, Reeve BB. *Treatment-related recovery time in older women with breast cancer*. Poster presented at the annual meeting of National Research Service Award (NRSA) trainees, AcademyHealth, San Diego, CA, June, 2014.
24. **Stover AM**, Rini CM, Mayer DK, Earp J, Linnan L, Wilder Smith A, Alfano CM, Ballard-Barbash R, Baumgartner KB, George S, Reeve BB. *Identifying Breast Cancer Survivors with a Pattern of Low Physical Activity and High Sedentary Behavior from Pre-Diagnosis through 10 Years Post-Diagnosis*. Poster presented at the annual meeting of AcademyHealth, Minneapolis, MN, June, 2015.
25. **Stover AM**, Chiang A, Basch EM. *ASCO PRO Workgroup update: Patient-reported outcome measures as a quality indicator*. Poster presented at the ASCO Quality of Care Symposium, Phoenix, AZ, February, 2016.
26. **Stover AM**, Chiang AC, Cella D, Hamm J, McNiff K, Smith ML, Snyder C, Knape A, Lloyd W, Basch EM. *American Society for Clinical Oncology's Measures Specifications for Testing PROs as Quality of Care Indicators*. Poster presented at the annual meeting for the International Society for Quality of Life Research (ISOQOL), Copenhagen, Denmark, October, 2016.
27. **Stover AM**, Basch EM. *Feasibility of Integrating Web-Based Symptom Questionnaires into Cancer Care Delivery: Lessons Learned from 80 Practice Sites*. Poster presented at the annual Science of Dissemination and Implementation conference, Washington, D.C., December, 2016.
28. **Stover AM**, Chung AE, Jansen J, Basch EM. *Bringing the Patient Voice into Quality Assessment: National Stakeholder Perceptions of Facilitators and Barriers for the use of PROs as Performance Measures*. Poster presented at the annual meeting of the ASCO Quality of Care Symposium, Orlando, FL, March 2016.
29. Chung AE, **Stover AM**, Wagner LI, LeBlanc TW, Topalaglu U, Zafar Y, Zullig LL, Smeltzer P, Basch EM. *Harmonization of Patient-Reported Outcomes into EHRs at Four Cancer Hospital Outpatient Clinics for Patient Care and Quality Assessment*. Poster presented at the annual meeting of the ASCO Quality of Care Symposium, Orlando, FL, March 2016.
30. **Stover AM**, Teal R, Vu M, Carda-Auten J, Jansen J, Chung AE, Basch EM. *Stakeholder Perceptions of Facilitators and Barriers for Implementing Symptom Questionnaires into Point-of-Care for Chemotherapy in Five U.S. Healthcare Systems*. Poster presented at the Science of Dissemination and Implementation conference, Washington, D.C., December, 2017.
31. Wood WA, Tan X, Grover NS, **Stover AM**, et al. Objective measures of performance status in cancer: A pilot Alliance study. Poster presented at the ASCO Quality of Care Symposium, Phoenix, AZ, September, 2018.
32. **Stover AM**, Henson, S, Carr P, Jansen J, Bennett AV, Jonsson M, Snyder C, Schrag D, Perlmutter J, Smith ML, Spears P, Basch E. How often do PROMs trigger a concerning symptom alert in a cancer trial and what actions do nurses take?: Early results from a cluster-randomized trial examining electronic patient reporting of symptoms between visits. Poster presented at the International Society of Quality of Life (ISOQOL) research conference, Dublin, Ireland, October, 2018.
33. **Stover AM**, Chung AE, DeWalt DA. Coaching primary care practices in implementing Patient-Reported Outcome symptom questionnaires to meet MIPS criteria. Poster presented at the International Conference on Practice Facilitation, Tampa, FL, December, 2018.
34. Biddell C*, **Stover AM**. Assessment of financial toxicity in cancer patients and survivors: A scoping review of Patient-Reported Outcome Measures (PROMs). Poster presented at the International Society for Quality of Life (ISOQOL) research, San Diego, CA, October 2019.

* doctoral student

35. Check D, Zullig LL, Davis M, **Stover AM**, Davies L, Schroeck FR, Fleisher L, Chambers D, Proctor E,

Koczwara B. Quality improvement and implementation science in cancer care: Identifying areas of synergy and opportunities for further integration. Poster presented at the ASCO Quality of Care Symposium, San Diego, CA, September, 2019.

36. Charlot M, Henson S, Spears P, Schrag D, **Stover AM**, Lee C, Basch E. Barriers to minority recruitment in a multicenter clinical trial (PRO-TECT [AFT-39]): Research staff insights. Poster presented at the ASCO quality of care meeting, San Diego, CA, September, 2019.
37. Fayanju O*, **Stover AM**, Teal R, Rogak R, Bennett AV, Basch EM. Barriers and Facilitators to Implementing Electronic Patient-Reported Outcomes (PROs) in Cancer Clinical Trials: Interview Results from Clinical Research Staff and Patients. Poster presented at ISPOR Europe, Copenhagen, Denmark, October, 2019.
* = Resident advisee
38. Haines E*, Dopp A, Powell BJ, **Stover AM**, Smitherman A, Lux L, Birken S.. Designing patient-reported outcome measures through a lens of usability and usefulness: a case example in adolescent and young adult cancer care. Poster presented at Healthcare Systems Research Network 2020 conference, Philadelphia, PA, April, 2020. (canceled due to COVID-19)
* = doctoral student
39. Urick BY, **Stover AM**, Deal A, Jansen J, Basch EM. Development and evaluation of patient reported outcomes-based performance measures in chemotherapy. Abstract publication online for American Society of Clinical Oncology, Chicago, IL, June, 2020 (virtual meeting due to COVID-19).
40. Basch E, Teal R, Dueck A, Jansen J, Henson S, Vu M, Carda-Auten J, Carr P, Wang M, Bennett AV, **Stover AM**. Nurse, oncologist, and patient impressions of electronic symptom monitoring via patient-reported outcomes in community oncology practices: Qualitative results from the U.S. national PRO-TECT trial (AFT-39). Poster presented at the American Society of Clinical Oncology, Chicago, IL, June, 2020. (virtual meeting due to COVID-19).
41. Samuel C, Mbah O, Elkins W, Charlot M, Dueck A, Ginos BF, Jansen J, Schrag D, Spears P, **Stover AM**, Basch E. (2020, September). Separate and unequal: Examining the role of race and site of care on Health-Related Quality of Life among metastatic cancer patients. Poster presented at the American Association of Cancer Research (AACR) conference, Washington, D.C. (virtual conference due to COVID-19).
42. **Stover AM**, Haverman L, van Oers HA, Greenhalgh J, Potter CM. (2020, December). Deriving separate implementation evaluation metrics for the innovation vs. implementation strategies in health care settings. Interactive poster presented at the annual Dissemination and Implementation conference, Virtual due to COVID-19 (typically in Washington, D.C.).
43. Haines ER*, Lux L, Smitherman A, Kessler ML, Schonberg J, Dopp A, **Stover AM**, Powell B, Birken, S. An actionable needs assessment for adolescents and young adults with cancer: the AYA Needs Assessment & Service Bridge (NA-SB). Poster presented at the American Society of Preventative Oncology 44th Annual Meeting. Virtual due to COVID-19.
* doctoral student

RESEARCH SUPPORT

Ongoing Funding

No number. (Stover, Smith, MPIs)	10/01/20 – 09/30/21	20%
Bladder Cancer Advocacy Network	\$128,000	
Title: Health-related quality of life outcomes in patients with invasive bladder cancer receiving intravesical chemotherapy		
Role: MPI		
H2245 (Stover)	01/01/20-08/31/21	10% <i>In kind</i>
Funder: Provost Award, UNC-Chapel Hill	\$10,000	
Title: Junior Faculty Developmental Award: Evaluating UNC Health Care's rollout of patient reported outcomes in oncology and primary care clinics.		
Role: PI		
MCR0634222 (Stover)	08/01/20-07/31/21	20% <i>in kind</i>
Funder: University Cancer Research Fund	\$50,000	
Title: Improving patient outcomes by partnering with oncology clinics to implement symptom monitoring with EHR-embedded patient reported outcome measures		
Role: PI		
1UL1TR002489 (John Buse)	11/01/20-02/28/23	5%
Funder: UNC Clinical Translation Science Award		
Title: Dissemination and Implementation Methods Unit		
The Dissemination and Implementation (D&I) Science Methods Unit provides consultation and develops content and tools to facilitate implementation of evidence-based practices.		
Role: Co-investigator/faculty		
R01NR019058 (Rocque)	05/01/21-04/30/26	20%
Funder: NINR	\$3,500,000	
Title: Evaluating the implementation and impact of navigator-delivered ePRO home symptom monitoring and management for chemotherapy		
Role: Co-investigator and implementation science lead		
PCORI IHS-1511-33392 (Basch)	11/01/16-07/31/21	20%
Funder: Patient-Centered Outcomes Research Institute	\$1,499,196	
Title: Electronic patient reporting of symptoms during outpatient cancer treatment: A U.S. national RCT		
Role: Co-Investigator		

There is substantial national interest to integrate patient-reported outcomes (PROs) into cancer care to improve detection and management of symptoms. However, the benefits of this approach, and implementation strategies to optimize successful uptake by patients and clinicians, are not clear. Therefore, a national trial is proposed with the goals to determine whether integration of electronic patient-reported outcomes into standard processes for symptom management in cancer care delivery improves patient-centered outcomes (Aim 1); whether stakeholders perceive that any benefits we detect will warrant broad uptake (Aim 2); and to identify strategies for effective implementation (Aim 3).

UH2 HL130691 (Safford, Halladay) 02/01/2021 – 08/01/2021 10%
Funder: NHLBI
Title: Collaboration to improve blood pressure in the US black belt- Addressing the Triple Threat
Role: Co-investigator

The central objective of this proposal is to rigorously compare two strategies designed to improve blood pressure control in primary care practices serving rural Southeastern African Americans with low socioeconomic status living in the Black Belt. We draw on the growing evidence that practice facilitation (PF), a highly customized, staged approach to helping practices to implement process and structural changes, can enhance the quality of care and improve patient and staff satisfaction, but there is less evidence on its ability to improve outcomes such as BP control.

PCORI ME-1507-32079 (Basch) 8/1/16-10/31/19 5-10%
Funder: Patient-Centered Outcomes Research Institute \$823,953
Title: Development and Implementation of a Patient-Centered Approach to Assessing Quality of Care: Patient-Reported Outcomes-Based Performance Measures (PRO-PMs)
Role: Co-Investigator

The focus of this award is to conduct essential formative work (qualitative and quantitative) at 6 sites across the U.S. to develop and implement a patient-centered approach to performance measurement.

No number: pilot award (Song) 10/18/19 - 07/31/20 5% in kind
Funder: Alliance for Clinical Trials in Oncology \$50,000
Title: Feasibility Testing of Patient Reported Outcomes-informed Caregiving Education and Symptom management System (PROCESS): A Personalized mHealth Program for Cancer Symptom and Complication Management (3-arm RCT)
Role: Co-Investigator

Completed Funding

R21MH118120 (Dube) 5/1/19-3/31/21 5%
Funder: NIMH
Title: Pilot Integration of Participant-Centered Outcomes in HIV Cure Research in the United States:
Implications for Ethical Conduct
Role: Co-investigator

The focus of this award was to better understand the motivations, experiences, and quality of life of people living with HIV (PLWHIV) who consider, enter, and participate in HIV cure clinical investigations.

CCR11603 (Chung, Wagner, Zafar) 12/1/16-11/30/18 10% *In Kind*
Funder: NC Tracs (Internal Funding at the University of North Carolina at Chapel Hill)
Title: Carolinas Collaborative: Harmonization of PROs Across Four CTSA: Leveraging EHRs to Enable
Comparative Effectiveness Research to Improve the Quality of Cancer Care
Role: Co-Investigator

The focus of this pilot award is to establish the feasibility of collecting patient reported outcomes (PROs) during cancer care across 4 Clinical and Translational Science Award (CTSAs) at UNC, Duke, Medical University of South Carolina, and Wake Forest University. The proposal involves identifying PROs to be collected from cancer patients and collecting them in a small pilot study via the Epic MyChart portal. The researchers will then explore processes needed to extract these PROs using standard query tools and the subsequent validity of the extracted measures (by institution).

R25-CA171994 (Colditz, Brownson) 6/1/16-5/31/18 *Travel/Training*
Funder: National Cancer Institute
Title: Mentored Training in Dissemination and Implementation in Cancer (MT-DIRC)
Role: Junior Faculty Fellow

R25-CA116339 (Weiner, Basch, Reeve, Wheeler) 7/1/15-6/30/17 100%
Funder: National Cancer Institute
Title: Cancer Care Quality Training Program (CCQTP)
Role: Postdoctoral Research Fellow (Mentor: Ethan Basch, MD)

U2C-CA186878 (Cella) 1/1/16- 9/1/16 5% *In Kind*
Funder: National Institutes of Health
Title: HealthMeasures: Patient-Centered Assessment Resource (PCAR)
Role: Co-Investigator

T32-HS000032 (Tim Carey) 8/1/13-6/30/15 100%
Funder: National Institutes of Health
Title: National Research Service Award (NRSA), Cecil. G. Sheps Center for Health Services Research,
University of North Carolina – Chapel Hill
Faculty Sponsors: Christine Rini, PhD and Bryce B. Reeve, PhD
Role: NRSA Pre-Doctoral Awardee

R25-CA057726 (Earp & O'Malley) 8/23/11-7/31/13 95%
Funder: National Cancer Institute
Title: Cancer Control and Education Program (CCEP) at Lineberger Comprehensive Cancer Center
Faculty Sponsor: Bryce B. Reeve, PhD (Department of Health Policy and Management, UNC-CH)
Role: Pre-Doctoral Fellow

R01-AR057346-02 (Rini) 6/1/12-7/31/13 5%
Funder: NIAMS
Title: PainCOACH: The goal of this study is to develop and test a web-based intervention targeting

osteoarthritis patients who are experiencing pain.

Role: Consultant for Designing Patient-Reported Outcomes Battery, Database Creation

(Linnan) 4/1/11 – 8/15/12 5%

Funder: University Cancer Research Fund (Lineberger Comprehensive Cancer Center)

Title: Employment Support Needs and Perceived Quality of Work Life during Cancer Survivorship

Role: Data synthesis, poster presenter (first author)

R01-HL069837-04 (Sleath) 8/1/10 - 10/31/11 1%

Funder: NHLBI

Title: Children and Asthma: Communication and Outcomes

Role: Qualitative Coder and Manuscript Co-author

U01-AR052155 (Pilkonis) 9/28/04 - 7/31/10 70-100%

Funder: NIAMS

Title: PROMIS Item Bank Development: Depression, Anxiety, and Anger (Pittsburgh PROMIS)

Role: Senior Program Coordinator, Co-author for 6 Item Banks, Manuscript Co-author

U01-AR052155 (Supplement) (Pilkonis) 9/30/08 - 7/31/10 30%

Funder: NIAMS

Title: Substance Abuse Item Bank Development Supplement (Pittsburgh PROMIS)

Role: Senior Program Coordinator, Co-author for Item Banks, Manuscript Co-author

U01-AR052155 (Pilkonis) 9/30/09 - 9/29/11 30%

Funder: NIAMS

Title: Validation and Domain Development in Mental Health and Sleep-Wake Function (Pittsburgh PROMIS)

Role: Senior Program Coordinator, Co-author for Sleep Disturbance Item Banks, Manuscript Co-author

U01-AR052177 (Cella) 4/30/09 - 4/29/11 5%

Funder: NIAMS

Title: PROMIS Statistical Coordinating Center Outreach Supplement (Northwestern University)

Role: Senior Program Coordinator (Pittsburgh site)