



**CENTER FOR
APPLIED HEALTH RESEARCH**



Health Outcomes Core

**FY2014 ANNUAL REPORT:
Sept 2013 – June 2014**

Co-Directors:

Dr. Laurel A. Copeland

Dr. John E. Zeber

Vision

The Health Outcomes Core (HOC) was established in September, 2010 with the following vision: by the end of FY2016, HOC will be a self-sustaining organization conducting research that contributes to the improvement of healthcare, and that drives the national mental health policy debate to focus on integrated patient care and to promote mental health parity. Within the outcomes research field, HOC will develop a collaborative network of national and international researchers and achieve national recognition as a leading mentoring center for the development of health outcomes researchers. This report provides an update on our progress toward realizing our Vision.

Goals 2014

1. Conduct applied health research resulting in publication of new knowledge to improve the delivery of health care.
2. Integrate applied health care research results into Baylor Scott & White and VA clinical practice
3. Develop collaborative research opportunities with Texas entities, including our academic affiliates and community partners.
4. Expand regional and national exposure for HOC investigators and research
5. Provide methodological and research career development expertise to external investigators
6. Mentor beginning and intermediate researchers in applied health research, within our supporting institutions and elsewhere

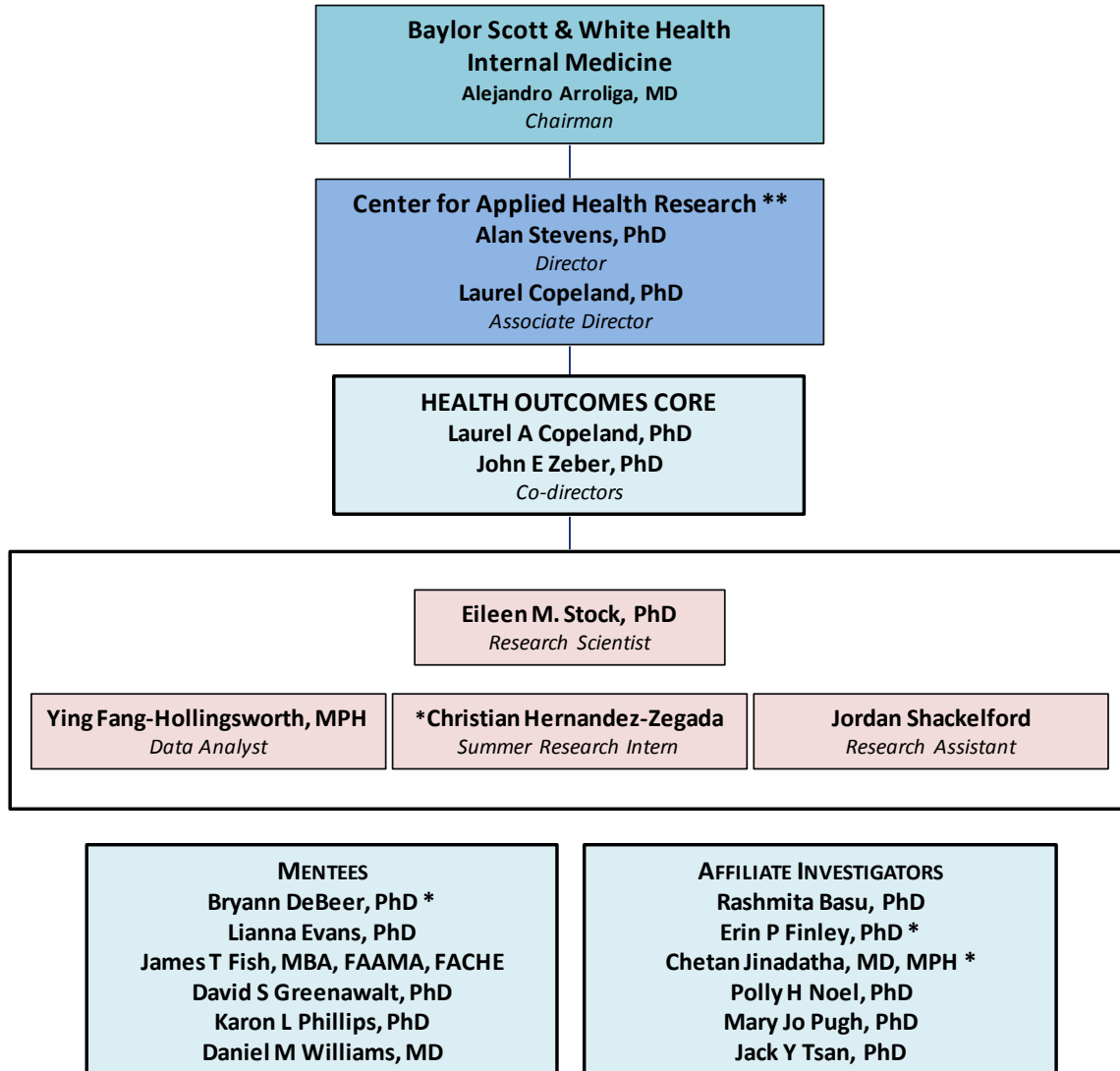
Fiscal Year 2014 Highlights: (truncated to 10 months by FY change July- September).

- 24 grant proposals submitted; 10 grant proposals funded
- 22 publications accepted and 11 others under review at year's end
- Presented: 6 local and national talks / seminars
- Participated in 10 poster presentations

Executive Summary

During the shortened fiscal year 2014, the Health Outcomes Core of CAHR (HOC) continued to increase its overall productivity on standard academic research metrics, in addition to enhancing the quality of reputation of its collective work. Besides the aforementioned productivity information further detailed below, Drs. Copeland, Zeber, Stock and affiliated colleagues have enhanced the research reputation of Baylor Scott & White Health through roles and contributions to local, national and international organizations. Publications in high impact journals like *JAMA*, *Psychiatric Services*, and *British Journal of Medicine* were supplemented by oral presentations and featured workshops at major scientific conferences. Dr. Jinadatha testified before a congressional subcommittee regarding our team's work in addressing infectious disease, and his submission was selected as the outstanding abstract at the recent APIC meeting. Dr. Copeland continues to represent Baylor Scott & White on the HMORN governance board, while Dr. Zeber remains chair of the VA's Institutional Review Board. Both senior investigators serve on national advisory boards, invited working groups, editorial boards and site leads for national research networks. We look forward to continuing our service and commitment to both institutions while further developing what we believe are important multifaceted missions.

HOC Organizational Chart



* New to HOC in FY2014

** Jointly sponsored by Central Texas Veterans Health Care System

The HOC is one of three major work groups within CAHR and works cooperatively with colleagues such as Dr. Basu in the Center for Aging and Care (A Stevens, Director) and the Community Research Center for Senior Health (A Stevens, Director).

Key to metrics reporting tables

- **bold** = HOC investigator
- underline = HOC affiliate investigator
- *italics* = post-doc, Baylor Scott & White or Central Texas VA colleague or mentee

Grants/Proposals

Funded

| Grants/Proposals | Role | Agency |
|---|--|--|
| "Understanding barriers and facilitators in pregnancy and maternity care delivery among women veterans" | Mattocks K (PI) Zeber JE (Site PI) | VHA HSR&D Merit Awards - 2015-2017; \$900,000 |
| "Therapist Self-Disclosure and Patients' Perceptions of Therapist Competence" | <i>Gamino L</i> Zeber JE (Co-I) Copeland LA (Co-I) | Baylor Scott & White Research Mentored Awards Program (RMA) - mentored research project ; 2014-2016; \$5,000 |
| "Evaluation of an Ideal Cleaning Protocol in Acute Care and OR's, and Evaluating Concept of Possible UV Resistance of Continuous Disinfection using Surface Coating Technology" | <u>Jinadatha C</u> (PI) Zeber JE (Co-I) Copeland LA (Co-I) | Xenex - research development grant; 2013-2015; \$115,000 |
| "Improving Surgical Quality: Risks and Impact of Readmission" (ISQ-R) | Hawn M (PI) Copeland (Co-I) | VHA HSR&D Merit Award Program - Oct 2014-Sep 2017; \$900,000 |
| "VA Vascular Injury Study (VAVIS): VA-DoD Extremity Injury Outcomes Collaboration" | <u>Pugh MJ</u> & Shireman P (PI's; San Antonio VA) Copeland (Co-I) | VHA HSR&D Merit Award Program - Oct 2014-Sep 2017; \$968,468 |
| "Multi-Specialty Intervention for Antipsychotic-Related Metabolic Risk Management" | <i>Benzer J (PI; Boston VA)</i> Copeland (Mentor) | VHA HSR&D Career Development Award - June 2014-May 2017; \$300,000 |

| Grants/Proposals | Role | Agency |
|---|--|--|
| “Failure to isolate patients with pulmonary tuberculosis as a patient safety issue: defining the problem and estimating its associated costs” | Jose Cadena (PI) <u>Jinadatha C</u> (Co-I) | VISN 17 Grant - 2014-2015; \$100,000 |
| “Combating the Hepatitis C Epidemic Among Texas Military Veterans: Education, Intervention and Impact at Central Texas VA Healthcare System” | <u>Jinadatha C</u> (PI) Wray D (Co-I) | Boehringer-Ingelheim - 2014-2015; \$158,050 |
| “Driving Higher Rates of Influenza Vaccine Administration: Education, Intervention and Impact at Central Texas VA Healthcare System” | <u>Jinadatha C</u> (PI) Fordis M (Co-PI) Wray D (Co-I) | Glaxo Smithkline - 2013-2104; \$629,350.00 |
| “Improving access to Hepatitis C patients using telehealth and better case management” | <i>Allton D</i> (PI) <u>Jinadatha C</u> (Co-PI) | Office of Rural Health - 2014-2016; \$330,000 |

Under Review at end of FY14

| Grants/Proposals | Role | Agency |
|--|--|--|
| “Agile Model of Suicide Risk for Intensified Preventive Outreach” | Copeland LA (PI) Zeber JE (Co-I) Stock EM (Co-I) | VA HSR&D -proposed Oct 1, 2014 through Sept 30, 2017; \$299,407 |
| “Mental Health Research Network - II” (G E Simon - PI) <ul style="list-style-type: none"> • infrastructure funding • Project: “Automated Virtual Follow-up to Reduce Premature Treatment Discontinuation” (Penfodl, PI) <p><i>** awaiting final award notice</i></p> | Copeland LA (Site PI) Zeber JE (Co-I) Stock EM (Co-I) | NIMH - proposed Aug 1, 2014 through Jul 31, 2019; \$5M; <u>funding award notice received July 2014</u> |
| “Non-VA Utilization by Women Veterans: Treatment Decisions and Perceived Barriers” | Zeber JE (PI) Copeland LA (Co-I) Stock EM (Co-I) | VA HSR&D -proposed April 1, 2015 through Sept 30, 2017; \$653,142 |

| | | |
|--|--|---|
| <p>“Pharmacotherapy Patterns among Veterans with Co-occurring PTSD/SUD”</p> <p><i>** awaiting final award notice</i></p> | <p>Stock EM (PI)</p> <p>Copeland LA (Mentor)</p> <p><i>Morisette SB (Mentor)</i></p> | <p>VISN 17 Center of Excellence for Research on Returning War Veterans</p> <p>- Pilot Project Award Program; Aug 2014-Jul 2015; \$35,000</p> |
| <p>"Rural Texas Veterans: The Affordable Care Act Needs and Barriers"</p> <p><i>** awaiting final award notice</i></p> | <p>Bollinger ME (PI)</p> <p>Copeland LA (Co-I)</p> | <p>VHA Office of Rural Health</p> <p>-proposed July 2014-Jun 2016</p> |
| <p>“Comparing outcomes among the Texas Military Veterans with Hepatitis C”</p> | <p><u>Jinadatha C (PI)</u></p> | <p>PCORI (Patient Centered Outcomes Research Institute)</p> <p>\$490,000</p> |

Submitted and Reviewed FY14

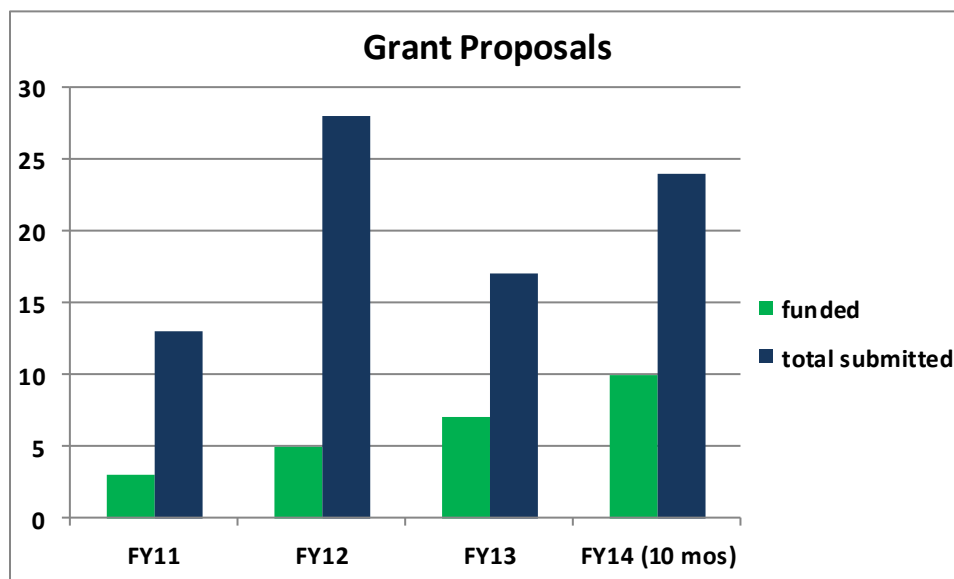
| Grants/Proposals | Role | Agency |
|---|---|---|
| <p>“Psychotropic use in health systems: how guidance is disseminated and implemented”</p> | <p>Zivin K (PI)</p> <p>Copeland LA (Site-PI)</p> <p>Zeber JE (Co-I)</p> | <p>NIH</p> <p>-proposed July 1, 2014 through June 30, 2017; \$294,297</p> |
| <p>“HMO Research Network (HMORN) CDRN”</p> | <p>Copeland LA (Site-PI)</p> <p>Zeber JE (Co-I)</p> <p>Simon GE (PI)</p> <p>Bradshaw S</p> <p><i>Hochhalter A</i></p> | <p>PCORI’s Clinical Data Research Network (CDRN) initiative</p> |
| <p>“Project SERVE Predictors of Health Services Use and Costs”</p> | <p>Copeland LA (PI) <i>Morisette SB (Co-PI)</i> <i>Kimbrel NA</i></p> | <p>VA HSR&D</p> <p>-proposed October 1, 2014 through Sept 30, 2017; \$339,289</p> |
| <p>Center Proposal: Laurel A Copeland, PhD, “Scott & White Memorial Hospital Strategically Focused Prevention Research Center: Pediatric Cardiovascular Prevention Research Center</p> | <p>Copeland LA (PI)</p> | <p>AHA Center Grant; National Center NCRP Winter 2014 CENTER Strategically Focused Prevention Research Network</p> |

| Grants/Proposals | Role | Agency |
|--|---|---|
| <p>(PCVRN-Prevention)”</p> <p>Project 1: Sudha Biddinger, MD PhD, “Novel Mechanisms of Insulin Resistance-Associated Cardiovascular Disease”</p> <p>Project 2: Catherine J McNeal, MD PhD, “Pediatric Cardiovascular Prevention Research Center: AIM For Success”</p> <p>Project 3: Sean T Gregory, PhD, “Pediatric Cardiovascular Prevention Research Center: Population Science Initiative”</p> | <p>Biddinger S (Project PI)</p> <p><i>McNeal CJ</i> (Project PI)</p> <p><i>Gregory ST</i> (Project PI)</p> | |
| <p>“Pharmacist-led clinical interventions to reduce readmission after hospitalization”</p> | <p>Veronin M (PI)</p> <p>Copeland LA (Co-I)</p> <p>Stevens AS (Co-I)</p> <p>Zeber JE (Co-I)</p> | <p>AHRQ</p> <p>Career Development Award Program</p> |
| <p>“Evidenced-based care for Heart Failure Patients”</p> | <p>Stevens AS (PI)</p> <p><u>Basu R</u> (co-I)</p> <p>Copeland LA (co-I)</p> <p>Zeber JE (co-I)</p> | <p>NIH R21</p> |
| <p>“The Veterans Metrics Initiative: Linking Program Components to Post-Military Well-Being”</p> | <p>Copeland LA (PI)</p> <p>Vogt D (co-I)</p> <p>Perkins D (co-I)</p> <p>Booth B (co-I)</p> <p>Skimmyhorn WL (co-I)</p> <p><u>Finley EP</u> (co-I)</p> <p>Gilman C (co-I)</p> | <p>Henry Jackson Foundation</p> |
| <p>“Multilevel approach to model dynamics of retirement well-being: Evidence from the Health and Retirement Study”</p> | <p><u>Basu R</u> (PI)</p> | <p>Steven H. Sandell Retirement Grant</p> |

Ongoing Funded Projects at End of FY14

| Grants/Proposals | Role | Agency |
|--|--|---|
| "Pulsed Xenon Technology Targeting Hospital Acquired Infections, Cost and Outcomes" | Zeber JE (PI) Copeland LA (Co-I) | VHA HSR&D Merit Awards - 04/2013-03/2016; \$732,714 |
| "The Spread of High-Performance Integrated Care Delivery Systems: Assessing Two Hybrid Approaches" [Robert Reid - PI; Group Health Cooperative] | Copeland LA (Site PI) Zeber JE (Co-I) | Commonwealth Fund - 08/2012-12/2014; \$347,742 |
| "Identifying and Validating Complex Comorbidity Clusters in OEF-OIF Veterans" | <u>Pugh MJ</u> (PI) Copeland LA (Co-I) | VHA HSR&D Merit Awards - 10/2011-09/2014; \$860,000 |
| "Homefront: Implementation and Evaluation of a Post-deployment Family Health Program" | Copeland LA (PI) <u>Williams DM</u> (Mentee) | Baylor Scott & White Research Mentored Awards Program (RMA) - mentored research project; 12/2012-11/2014; \$10,000 |
| "Temporal Trends in Pediatric Lipid Screening and Treatment" | <i>McNeal CJ</i> (PI) Copeland LA (Co-I) | Wilhelm Foundation - research support; 01/2013 – 12/2014; \$10,000 |
| "A Study of Dog Adoption in Veterans with Posttraumatic Stress Disorder" | Stern S (PI) Copeland LA (Co-I) | VHA RR&D Merit Awards - 07/2013-06/2015; \$220,000 |
| Evaluation of an Ideal Cleaning Protocol in Acute Care and OR's, and Evaluating Concept of Possible UV Resistance of Continuous Disinfection using Surface | <u>Jinadatha C</u> (PI) | Xenex Healthcare |

| Grants/Proposals | Role | Agency |
|---|---|--|
| Coating Technology | Zeber JE (Co-I) Copeland LA (Co-I) | - 2013-2014; \$115,000 |
| Longitudinal Transitions in Cognitive Decline among Older Adults | <u>Basu R</u> (PI) Zeber JE (Co-I) Copeland LA (Co-I) | Scott & White Research Grant Program - 2012-2013; \$50,000 |
| Health Literacy and Improving Hospital Discharge Transitions in a Low-Income Patient Population | <i>Hochhalter A</i> (PI) Copeland LA (Co-I) | Scott & White Research Grant Program - 2012-2013; \$50,000 |
| Advanced Center for Interventions and Service Research (ACISR) for Optimizing Long Term Outcomes in Bipolar Illness Interventions in Hispanic Communities | Bowden C (PI) Zeber JE (Co-I) | National Institute of Mental Health #1P30MH086045 - 2011-2015; \$715,664 |



Summary: Despite a shortened reporting year, HOC investigators were included in 24 research grant proposal submissions in FY2014, and 10 proposals were awarded funding (three others also received funding award letters after close of FY). We continue to prepare research proposals as a site within the HMORN including implementation trials and pragmatic trials, additional proposals with collaborators we Health Outcomes Core, Baylor Scott & White Center for Applied Health Research—Annual Report FY2014 September 2013 – June 2014

have met through HMORN and with mentees seeking career development support, and VA merit awards.

Publications

Manuscripts

Accepted/Published

- Agarwal C, Prakash G, Jinadatha C. "A case of swollen tongue in an immune-compromised host. *Fed Pract*. 2014 January; 31(1):41-3.
- Basu R. "Willingness-to-pay to prevent Alzheimer's disease: a contingent valuation approach." *Int J Health Care Finance Econ* 13, no. 3-4 (2013): 233-45.
- Basu R and Rosenman R. "Altruism and informal care for dementia". *International Journal of Social Science Studies*; 2014; 2(1):70-82.
- Basu R. "Impact of education and income on cognitive functioning among middle-aged and elderly Indians: evidence from the study on global ageing". *WHO South East Asia Journal of Public Health*; 2014, (3&4): 156-164.
- Copeland LA, Zeber JE**. (2013). "Advancing research in the era of healthcare reform: 19th annual HMO Research Network Conference". *Clinical Medicine & Research*, 11(3):120-22.
- Copeland LA, Sako EY, Zeber JE, Pugh MJ, Wang CP, MacCarthy AA, Restrepo MI, Mortensen EM, and Lawrence VA**. "Mortality after cardiac or vascular operations by preexisting serious mental illness status in the Veterans Health Administration." *Gen Hosp Psychiatry* 2014; 36(5):502-8.
- Copeland LA, McIntyre RT, Stock EM, Zeber JE, MacCarthy DJ, and Pugh MJ**. "Prevalence of suicidality among Hispanic and African American veterans following surgery." *Am J Public Health* 104 Suppl 4 (2014): S603-8.
- Finley EP, Bollinger ME, Noel PH, Amuan ME, Copeland LA, Pugh JA, Dassori Palmer RA, Bryan C, and Pugh MJ. "A national cohort study of the association between the polytrauma clinical triad and suicide-related behavior among Us Veterans who served in Iraq and Afghanistan." *Am J Public Health* (2014): e1-e8.
- Greenawalt DS, Copeland LA, MacCarthy AA, Sun FF, and Zeber JE. "Posttraumatic stress disorder and odds of major invasive procedures among U.S. Veterans Affairs patients." *J Psychosom Res* 75, no. 4 (2013): 386-93.
- Hochhalter A, Basu R, Prasla K and Jo C. "Retrospective Study of Medication Adherence and 30-day Readmission among Managed care Patients". *Managed Care*; January 2014; 43-7.
- Jinadatha CR, Quezada R, Huber TW, Williams JB, Zeber JE and Copeland LA. "Evaluation of a pulsed-xenon ultraviolet room disinfection device for impact on contamination levels of methicillin-resistant *Staphylococcus aureus*." *BMC Infect Dis* 14 (2014): 187.
- Lu CY, Stewart C, Ahmed AT, Ahmedani BK, Coleman KJ, Copeland LA, Hunkeler EM, Lakoma MD, Madden JM, Penfold RB, Rusinak D, Zhang F, and Soumerai SB. "How complete are e-codes in commercial plan claims databases?" *Pharmacoepidemiol Drug Saf* 23, no. 2 (2014): 218-20.
- Lu CY, Zhang F, Lakoma MD, Madden JM, Rusinak D, Penfold RB, Simon GE, Ahmedani BK, Clarke G, Hunkeler EM, Waitzfelder B, Owen-Smith A, Raebel MA, Rossom R, Coleman KJ, Copeland LA, and Soumerai SB. "Changes in antidepressant use by young people and suicidal behavior after FDA warnings and media coverage: quasi-experimental study." *BMJ* 348 (2014): g3596.
- McNeal CJ, Zachariah JP, Gregory S, Cassidy-Bushrow AE, Wilson DP, Tom JO, VanWormer JJ, Wright EA, and Copeland LA. "Identifying and reducing barriers to improve lipid screening in youth." *Circulation*, in press (2014).

- Mortensen EM, Halm EA, Pugh MJ, **Copeland LA**, Metersky M, Fine MJ, Johnson CS, Alvarez CA, Frei CR, Good CB, Restrepo MI, Downs JR, and Anzueto A. "Association of azithromycin with mortality and cardiovascular events among older patients hospitalized with pneumonia." *JAMA* 311, no. 21 (2014): 2199-208.
- Noel, P. H., M. L. Parchman, R. F. Palmer, R. L. Romero, L. K. Leykum, H. J. Lanham, **J. E. Zeber**, and K. W. Bowers. "Alignment of patient and primary care practice member perspectives of chronic illness care: a cross-sectional analysis." *BMC Fam Pract* 15 (2014): 57.
- Penfold, R. B., C. Stewart, E. M. Hunkeler, J. M. Madden, J. R. Cummings, A. A. Owen-Smith, R. C. Rossom, C. Y. Lu, F. L. Lynch, B. E. Waitzfelder, K. J. Coleman, B. K. Ahmedani, A. L. Beck, **J. E. Zeber**, and G. E. Simon. "Use of antipsychotic medications in pediatric populations: what do the data say?" *Curr Psychiatry Rep* 15, no. 12 (2013): 426.
- Pugh MJ, Finley EP, **Copeland LA**, Wang CP, Noel PH, Amuan ME, Parsons HM, Wells M, Elizondo B, and Pugh JA. "Complex comorbidity clusters in OEF/OIF veterans: the polytrauma clinical triad and beyond." *Med Care* 52, no. 2 (2014): 172-81.
- Stock EM**, **Copeland LA**, *Bush R*, **Zeber JE**. (2013). "Prevalence of QT prolongation among veterans with severe mental health disorders". *Psychiatric Services*, 64(10):942.
- Stock EM**, *Kimbrel NA*, *Meyer EC*, **Copeland LA**, *Monte R*, **Zeber JE**, *Gulliver SB*, and *Morissette SB*. "A Bayesian model averaging approach to examining changes in quality of life among returning Iraq and Afghanistan Veterans." *Int J Methods Psychiatr Res* (2014).
- Sun FF**, **Stock EM**, **Copeland LA**, **Zeber JE**, Ahmedani BK, *Morissette SB*. "Polypharmacy with antipsychotic drugs in patients with schizophrenia: trends in multiple health care systems." *Am J Health Syst Pharm* 71, no. 9 (2014): 728-38.
- Thurman L*, *Fewel N*, *Rose M*, and **Stock EM**. "Utility of a combination antibiogram for treating *Pseudomonas aeruginosa*." *American Journal of Infectious Diseases*, in press (2014).

Submitted/Under Review at End of FY14

- Asias BD*, **Stock EM**, *Small NL*, *Getchell KE*, Patel JR, Krause JD, Cavness S, Dzenowski CL, Ta M. "Clinical and financial outcomes of switching insulin glargine to insulin detemir in a veteran population with type 2 diabetes".
- Basu R*. "Socioeconomic status and trajectory of chronic health problems: analysis of a longitudinal count regression model".
- Bollinger M, Pugh MJ, Pugh JA, **Copeland LA**, Parsons HM, Schmidt S. "The healthy soldier effect in Veterans of U.S. military service in Iraq and Afghanistan".
- Daniels KR, Juday TR, Jones X, Labreche MJ, Koeller JM, Seekins DW, Oramasionwu CU, Bollinger M, **Copeland LA**, Mortensen EM, Frei CR. "Comparative value of four measures of retention in expert care in predicting clinical outcomes and health care utilization in HIV patients".
- Evans LD*, **Copeland LA**, **Zeber JE**, MacCarthy DJ, *Morissette SB*. "Organ transplant rates in patients with and without severe mental illness enrolled in the Veterans Health Administration".
- Hochhalter A*, **Zeber JE**, **Copeland LA**, *Thibodeaux L*, *McIntyre RT*, *Fang Y*, **Stock EM**. "Psychosocial correlates of health literacy among post-discharge patients receiving medical aid".
- Janke-Stedronsky S*, Greenawalt DS, **Stock EM**, Tsan JY, MacCarthy AA, MacCarthy DJ, **Copeland LA**. "Association of parental status and diagnosis of posttraumatic stress disorder among veterans of Operations Iraqi and Enduring Freedom".

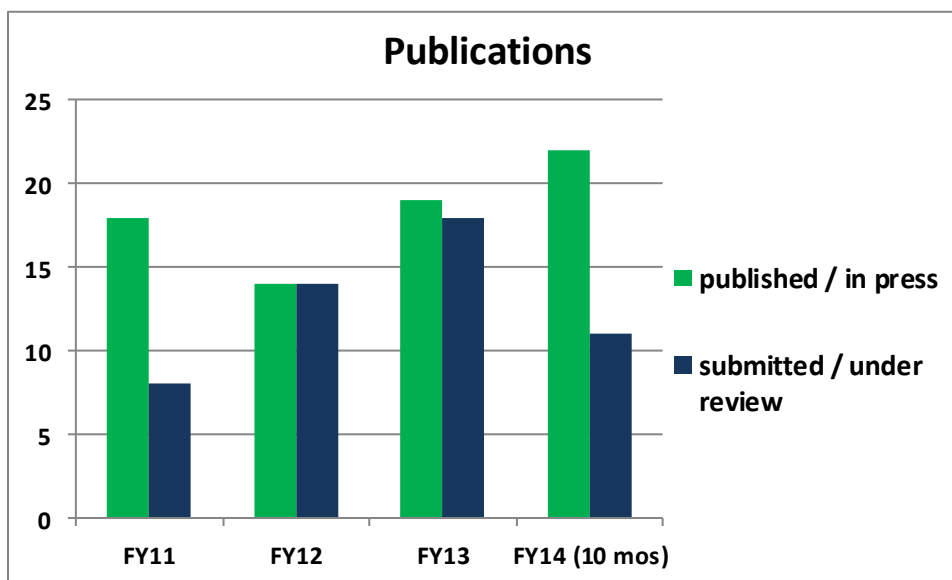
Phillips KL, Copeland LA, Zeber JE, Stock EM, Tsan JY, MacCarthy AA. "Racial/ethnic disparities in monitoring metabolic parameters for patients with schizophrenia receiving antipsychotic medications". [**note : in press July 2014]

Stock EM, Copeland LA, Tsan JY, Zeber JE, Veronin MA, Thompson A. "Method of analysis as an influential factor in modeling admission among veterans of Iraq/Afghanistan deployments".

Tsan JY, Stock EM, Greenawalt DS, Zeber JE, Copeland LA. "Mental health treatment after major surgery among Vietnam era Veterans with PTSD". [**note : in press August 2014]

Zeber JE, Copeland LA, Pugh MJ, Restrepo MI, MacCarthy D, Lawrence VA. "Surgical rates of common procedures in veterans with serious mental illness".

Summary: Thanks to the efforts of HOC investigators and our junior researchers, 11 manuscripts were in submission as of the end of FY14 in addition to the 22 papers accepted (two others accepted after close of FY). HOC also submitted 2 white papers regarding the Commonwealth funded study in progress (**Copeland** – site PI, **Zeber** co-I). Of special note is that the *Greenawalt* et al. publication received a special recommendation from the VA's Health Services Research & Development office for recognition to senior leadership for its important contribution and implications for improving clinical care.



Activities

Presentations

Basu R. "Health Insurance and Retirement Decision: Evidence from the Health and Retirement Study". [Fifth Biennial conference of the American Society for Health Economists, Los-Angeles, June 22-25, 2014]

Basu R. "Trajectory of Healthcare Expenditures: Role of Healthy Behavior Changes". [Fifth Biennial conference of the American Society for Health Economists, Los-Angeles, June 22-25, 2014]

Basu R. "Financial Literacy and Long-term Care Insurance Decision". [*Academy Health Annual Research Meeting*, San-Diego, June 8-10, 2014]

Basu R. "Early-life Characteristics and Adult Cognitive Functioning: Results from the Health and Retirement Study". [*Gerontological Society of America Annual Conference*, November 20-24, 2013, New Orleans]

Basu R. "Health and Economic Impacts of Family Caregiving in India: Results from the Study on Global Ageing". [*141th American Public Health Association Annual Meeting*, November 3-6, 2013, Boston]

Copeland LA. "Good Data Practices: Session 4, Research Application. VA INFORMATION RESOURCE CENTER (VIREC) CYBER SEMINAR" [*VHA Cyber Seminar*, September 12, 2013, Temple TX]

Copeland LA, Zeber JE. "Mental Health Services Research and the HMO Research Network (HMORN)" [*S&W Medicine Grand Rounds*, December 13, 2013, Temple TX]

Jinadatha C, Keene RE, Hamson DC, Zeber JE, Copeland LA, Ganachari-Mallappa N, Brown DS, Huber TW. "Can Pulsed Xenon Ultraviolet Disinfect Aerobic Bacteria in the Presence of Organic Material and the Absence of Manual Disinfection?" [APIC annual conference, June 2014, Anaheim CA ** winner of Rutula Award for Best Abstract]

Jinadatha C, Zeber JE, Copeland LA, Ganachari-Mallappa N, Brown DS, Huber TW. "Clostridium Difficile Identification from Environmental Samples: a Study Comparing Three Different Identification Methodologies". [APIC annual conference, June 2014, Anaheim CA]

Jinadatha C, Zeber JE, Copeland LA, Ganachari-Mallappa N, Brown DS, Huber TW. "Can Multidrug-Resistant Organisms Become Resistant to UV Light after Serial Exposures? An Experiment." [APIC annual conference, June 2014, Anaheim CA]

Stock EM. "Pharmacological Treatment Associated with QT Prolongation among Veterans with Posttraumatic Stress Disorder" [*S&W Quality Improvement in Healthcare & Patient Safety Symposium*, September 14, 2013, Temple TX]

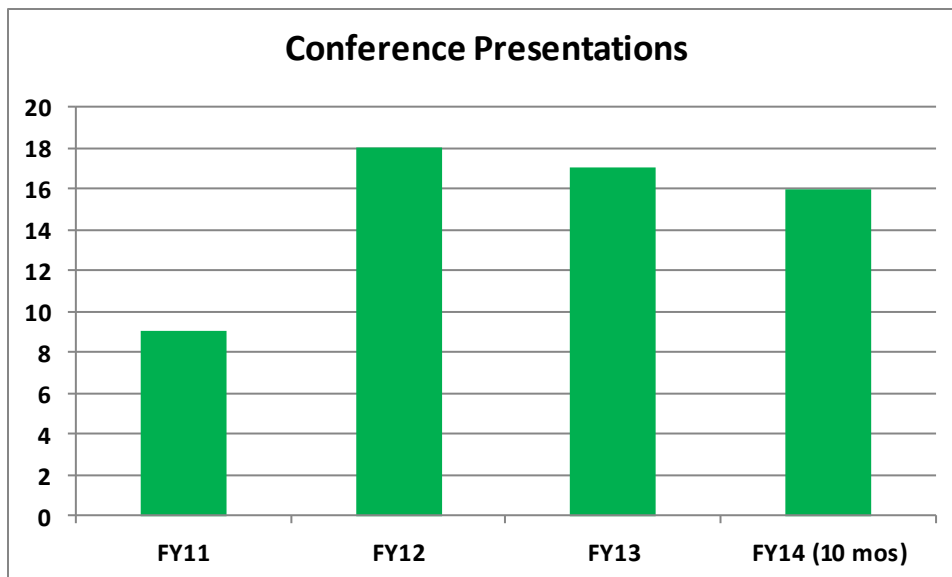
Stock EM, Zeber JE, McNeal CJ, Bush RL, Copeland LA. "Disparities in QT Prolongation Prevalence in Veterans by Severe Mental Illness and Racial-Ethnic Minority Status" Presentation [American Society of Hispanic Psychiatry (ASHP) and the American Psychiatric Association Office of Minority and National Affairs (APA-OMNA), May 3, 2014, New York City, NY]

Zeber JE, Copeland LA, Stock EM. "Mental Health Services Research and the HMO Research Network (HMORN)" [*Scott & White Mental Health Grand Rounds*, September 13, 2013, Temple TX]

Zeber JE, Copeland LA. informal presentation of HOC activities and collaboration ideas at a special TAMU – VA – S&W meeting research development meeting, October 2013

Zeber JE, Copeland LA, Stock EM. "Comparison of Antipsychotic Polypharmacy Trends among Schizophrenia Patients across Multiple Healthcare Systems". [*HMORN annual meeting*, Phoenix, April 2014]; **selected as one of 10 poster award finalists]

Zeber JE. "A Framework for Conducting Initial Medication Adherence Research" Workshop [*International Society for Pharmacoeconomics and Outcomes Research*, Montreal, June 2, 2014]



Other Service Activities & Accomplishments

In addition, HOC investigators contributed in numerous ways to the research and academic missions of their institutions, as well as serving as representatives to local, national and international research entities. They have contributed their expertise to numerous organizations, and were also honored for their roles on various working groups, advisory boards, and special committees. These activities include:

- providing 31 sessions of methodological consulting for VA and Baylor Scott & White clinical colleagues to support of projects (primarily Dr. Stock, with others from Drs. Copeland and Zeber)
- donating time to peer review for 34 manuscripts for journals, peer review of 6 sets of conference abstracts, and peer review in 4 grant proposal review sessions; Dr. Copeland was also appointed to a 4-year term on the Scientific Merit Review Board for VHA Rehabilitation Research & Development Service
- Dr. Zeber has served as Chair of the VA Institutional Review Board since 2011; Drs. Copeland Stock are committee members, and lead the data security working group
- Dr. Copeland served as VA Interim Associate Chief of Staff for 11 months of FY13-FY14
- Dr. Zeber is a member of the International Medication Adherence working group (ISPOR), and led a recent study and systematic review publication.
- Drs. Copeland and Zeber serve on the national Academy Health Advisory Board for the Comorbidities and Behavioral special interest groups, respectively
- Dr. Zeber is on the editorial board of the *World Journal of Psychiatry*
- Dr. Zeber is the Central Texas VA site lead for the national Women's Practice Based Research Network (PBRN)
- Dr. Jinadatha was honored with best overall abstract for his submission to the APIC annual conference [William A. Rutala Award]
- Based on their current work (see below), Dr. Jinadatha was invited to present before the Senate Subcommittee for Science, Health and Technology in June 2014 concerning promising efforts to reduce hospital associated infections and current research efforts.

- Book Chapter: Greene E and Jinadatha C. (2014). Chapter 41: Infections in Indwelling Medical Devices in APIC Text of Infection Control and Epidemiology (in press)
- Dr. Jinadatha assumed role as the president of Texas Infectious Diseases Society

Exciting New/Developing Areas of Research and Collaboration

Infectious Disease, Women's Health, Patient-Centered Outcomes

Baylor Scott & White will be involved in a research proposal to be submitted to the *Patient-Centered Outcomes Research Institute* (PCORI) and future projects with **Dr. Karen Brust** as Co-Investigator. This collaboration represents an expansion of our work and continuing efforts with **Dr. Chetan Jinadatha**, a VA-affiliated investigator, and his growing team. We will continue to develop papers and abstracts associated with Dr. Jinadatha's Xenex grant and other related infectious disease prevention projects. In a related, ongoing VA-funded project (**Zeber** – PI, **Copeland** – Co-I), Dr. **Zeber's** study of disinfection of hospital rooms involves four facilities and the implementation of an innovative ultraviolet technology to reduce the incidence, mortality and treatment costs association with hospital acquired infections (including MRSA, *C.difficile*). **Drs. Zeber, Copeland,** and Jinadatha, with the recent addition of **Dr. Eileen Stock** as statistical consultant, are gathering data from multiple sources including device usage, infection control reports, administrative data, and staff observations to evaluate the practical benefits of this novel technology. The study team will also soon pursue a multisite VA project under the Cooperative Studies Program (CSP). HOC has arranged a more official affiliate investigator status for Dr. Jinadatha consistent with his productive and clinically important research trajectory. In another area of endeavor, Dr. **Zeber** is developing his role as site lead in the VA Women's Practice-Based Research Network (VA PBRN-Women) which conducts both quality assessment and research projects. Dr. **Zeber's** submission to a call for VA PBRN-Women projects was the first selected for implementation as quality assessment of women's care in the VA (10 sites). He is also PI of a subsequent research project under review for funding, and is coordinating an Operations quality improvement project sponsored by VA central office to be conducted at the Central Texas VA, examining women veteran perceptions of the Affordable Care Act and limitation in state Medicaid expansion.

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