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Personal

Born on February 14, 1967. United States Citizen. Married, two children.

Education

Ph.D. Statistics, The Wharton School, University of Pennsylvania, 1994.

M.S. Statistics, The Wharton School, University of Pennsylvania, 1992.

M.S. Mathematics Education, Teachers College, Columbia University, 1990.

M.A. Mathematics Education, Teachers College, Columbia University, 1989.

A.B. Mathematics, Columbia College, Columbia University, 1988.

Professional Appointments

Professor of Medicine, School of Medicine, Case Western Reserve University, 2012-present. (Primary).

Professor of Epidemiology & Biostatistics, School of Medicine, Case Western Reserve U., 2012-present.

Director, Biostatistics & Evaluation Unit, Center for Health Care Research & Policy, Case Western Reserve University at MetroHealth Medical Center, 2001-present.

Bioscientific-B Medical Staff, Department of Medicine, The MetroHealth System, 2010-present.

Director, Data Center, Better Health *Greater* Cleveland, 2007-present.

Prior Appointments

Associate Professor of Medicine, School of Medicine, Case Western Reserve U., 2007-2012.

Associate Professor of Epidemiology & Biostatistics, School of Medicine, Case Western Reserve U., 2009-2012.

Assistant Professor of Medicine, Case Western Reserve U., 2001-2007.

Assistant Professor of Operations, Weatherhead School of Management, Case Western Reserve U., 1994-2007.

Lecturer, Department of Statistics, The Wharton School, University of Pennsylvania, 1995.

Honors and Awards

1. Fellow, American Statistical Association, 2013.
2. Co-Author of Cebul RD **Love TE** Jain AK Hebert CJ Electronic Health Records and Quality of Diabetes Care. *New England Journal of Medicine* 2011, 365, 825-833.
 This article was selected by the Editorial Board of the 2012 *IMIA Yearbook of Medical Informatics* as one of the best articles in medical informatics published in 2011.
 This article was also cited as part of the American Medical Informatics Association's Informatics 2011 Year in Review: <http://faculty.washington.edu/dmasys/YearInReview/2011index.html>
3. Scholarship in Teaching Award, Case Western Reserve University School of Medicine, 2005, 2009 and 2010.
4. Bellport High School *Wall of Fame*, Brookhaven, New York, 2010.
5. Outstanding Reviewer Award, *Journal of Educational & Behavioral Statistics*, 2009.
6. Lead author of **Love TE** Cebul RD Einstadter D Jain AK Miller H Harris CM Greco PJ Husak SS Dawson NV Electronic medical record-assisted design of a cluster-randomized trial to improve diabetes care and outcomes. *J Gen Internal Med* 2008, 23: 383-391.
 This article was cited as part of the American Medical Informatics Association's Informatics 2008 Year in Review: <http://faculty.washington.edu/dmasys/YearInReview/2008index.html>
7. Outstanding Short Course (with RD Cebul and NV Dawson), "Methods for Cluster-Randomized Trials of Real-Time Decision Support," Society for Medical Decision Making 28th Annual Meeting, 2006.
8. Best Educational Contribution Award, Case Western Reserve University School of Medicine, 2004.
9. Outstanding Short Course (with RD Cebul and NV Dawson), "Reducing Bias in Decision Models: Propensity Scores," Society for Medical Decision Making 25th Annual Meeting, 2003.
10. Finalist, Outstanding Teaching Award, Weatherhead School of Management, 1999.
11. J. Parker Bursk Prize for Outstanding Graduate Student, Department of Statistics, The Wharton School, University of Pennsylvania, 1994.
12. Donald S. Murray Prize for Excellence in Teaching, Department of Statistics, The Wharton School, University of Pennsylvania, 1991.

Professional Service: National, International and Regional

Journal Editor

Associate Editor, *The American Statistician*, 2005-present.

Editor, *Health Services & Outcomes Research Methodology*, 2009-present.

Guest Editor (with A. James O'Malley), Special Double Issue of *Health Services & Outcomes Research Methodology* about the 9th International Conference on Health Policy Statistics, 12: 2-3, June 2012.

American Statistical Association

Chair, ASA Health Policy Statistics Section Fellows Nominating Committee, 2013-present.
Chair, ASA Health Policy Statistics Section, 2010. (Chair-Elect 2009; Past Chair 2011.)
Secretary, ASA Health Policy Statistics Section, 2006-2007.
Vice President, ASA Cleveland Chapter, 2005-2008.
Nominating Committee, ASA Council of Chapters, 2006.
Student Awards Competition Review Panel, ASA Health Policy Statistics Section, 2008-2013.

International Conference on Health Policy Statistics

Co-Chair (with A. James O'Malley), Ninth ICHPS (October 2011), Cleveland, OH, 2010-2011.
Obtained **R13 grant HS 020773-01** in conference funding from AHRQ (\$39,100)
Advisory Board, Eleventh ICHPS (October 2015), location TBA, 2014-.
Chair, Selection Committee, Health Policy Investigator Awards, 2011.
Scientific Program Committee, Tenth ICHPS (October 2013), Chicago, IL, 2012-2013.
Scientific Program Committee, Eighth ICHPS (January 2010), Washington, DC, 2008-2010.
Selection Committee, Inaugural Health Policy Investigator Awards, 2009.
Scientific Program Committee, Seventh ICHPS (January 2008), Philadelphia, PA, 2006-2008.

NIH Study Sections and Grants Review

Chair, NIH / NIDCR Special Emphasis Panel / Scientific Review Group 2013/05 ZDE1 JR (11) 1:
Small Research Grants for Oral Health Data Analysis and Statistical Methodology Development (R03).
4 iterations to date, 2013-present.
Chair, NIH / NIDCR Special Emphasis Panel / Scientific Review Group (R03 applications: PAR12-120
and PAR10-041), October 2012.
NIH Review Panel Member for NCCAM Clinical Studies R34 applications (ZAT1 PK 28), 2013.
NIH Common Fund Health Care Systems Collaboratory Coordinating Center (U54; RFA RM11-021),
June 2012.
NIH / HSOD Study Section (Temporary Member), June 2010.
NIH / NCCAM Special Study Section in response to RFA-AT-08-002, June 2008.
Discovery Grant Reviewer, National Sciences & Engineering Research Council of Canada, 2006.

Additional NIH Service

NIH / NCCAM Presenter and Member, Synthesis Group, Workshop on Complexity and CAM, 2007.

Better Health Greater Cleveland (sponsored in part by the Robert Wood Johnson Foundation)

Director, Data Center, 2007-present.

Co-Chair, Information Management Committee, 2007-present.

Leadership Team, Consumer Engagement and Research Committees, 2007-present.

National COPTR (Childhood Obesity Prevention & Treatment Research) Consortium

Design and Analysis Working Group, 2011-present. Vice Chair, 2012.

Public Health Collaboratives and HIP-C (Healthy Improvement Partnership - Cuyahoga)

HIP-C Public Health and Clinical Care Committee, 2013-present.

HIP-C Measurement and Evaluation Advisory Group, 2013-present.

C3HD2 (Cuyahoga County Community Health Data Dashboard) Steering Committee Member, 2013-present.

Community Health Status Assessment Subcommittee, Health Improvement Planning Project, 2010-2013.

Assessment Team, "Setting Health Priorities in Greater Cleveland", 2009.

Making Statistics More Effective in Schools and Business [MSMESB]

Co-Chair and Organizer, MSMESB Conference, San Francisco, CA, 2003.

Member, MSMESB Leadership Group, 2001-2007.

Web Editor & Planning Committee Member, MSMESB, 1994-2007.

Subject Matter Expert

Patient-Centered Medical Home Learning Resource Development, *Cuyahoga Community College HHS / Office of the National Coordinator for Health Information Technology Expansion Grant*, 2012-2013.

Statistical Judge

Northeastern Ohio Science & Engineering Fair, 2002, 2004-2009.

Intel International Science & Engineering Fair, 2003.

Referee / Reviewer

Referee for over 140 original manuscripts, plus revisions, for statistical, medical and educational journals, including *The American Statistician*, *JASA*, *Statistics in Medicine*, *Science*, *JAMA*, *J of Statistics Education*, *J of Educational & Behavioral Statistics*, *Health Services & Outcomes Research Methodology*, *Circulation*, *Communications in Statistics: Simulation & Computation*, *J of Nephrology*, *Medical Decision Making*, *Medical Care*, *Psychometrika*, *Pharmacoepidemiology & Drug Safety*, *Pharmaceutical Statistics*, *Future Science*, *Operations Research*, and *INFORMS Transactions on Education*.

Reviewer for more than two dozen statistical and biostatistical texts, software and related projects for various enterprises, including ITP/Duxbury Press, Prentice-Hall, Wiley, and Addison-Wesley.

Professional Service: Case Western Reserve University & Affiliates

Clinical Translational Science Consortium

Co-Director, Biostatistics, Evaluation and Research Design (BERD) Core, 2007-present.

Reviewer, CTSC Annual Pilot Program, 2014.

Clinical and Translational Curriculum Working Group, 2008-2010.

Center for Health Care Research & Policy

Director, Biostatistics & Evaluation Unit, 2001-present.

Chair, Doctoral Faculty Search, 2014-present.

Chair, Biostatistics & Epidemiology Faculty Search, 2010-11. (Hired Douglas Gunzler, Ph.D.)

Chair, Biostatistics Faculty Search Committee, 2004-06. (Hired Rhoderick Machezano, Ph.D.)

Chair, Data Security & Management Committee, 2005.

Chair, Statistical Programmer/Analyst Search Committee, 2004-05. (Hired Steven Lewis, M.B.A., M.S.)

Case Western Reserve University School of Medicine

Department of Epidemiology & Biostatistics, Member, Mentoring Committee for Nathan Morris, Ph.D., Senior Instructor.

Department of Epidemiology & Biostatistics, Member of Faculty Search Committee for Division Chair in Health Care Organization, Outcomes and Policy, 2012-2013.

Appointments, Promotions & Tenure Committee, MetroHealth, 2009-2012.

MetroHealth System Clinical Research Unit, Scientific Review Committee, 2011-2012.

Lepow Day Review Committee for Medical & Graduate Student Research, 2006-2008; 2013-2014.

Judge, Trainee Poster Presentations, MetroHealth Research Festival, 2006.

Neurological Outcomes Center, University Hospitals / Case Medical Center

Neurological Outcomes Center Advisory Board, 2009-present.

Data Safety and Monitoring Board

Improving Outcomes for Individuals with Serious Mental Illness and Diabetes: Targeted Training in Illness Management (TTIM), 2012-present.

Weatherhead School of Management

Faculty Council, 1998-1999.

Chair, Task Force on "The Classroom Experience," 1999-2000.

Information Systems Services and Research Committees, 1994-2001.

Department of Operations: Admissions, Financial Aid, Seminar & Waiver Committees, 1994-2001.

Teaching

Courses Taught at Case Western Reserve University

Case Western Reserve University School of Medicine

Courses Directed, Developed and Taught

CRSP 500 / EPBI 500: *Observational Studies*. Clinical Research Scholars Program (CRSP) elective course, M.S. elective in Department of Epidemiology & Biostatistics: 40 contact hours, 2003-present. Materials available at <https://sites.google.com/a/case.edu/love-500/home>

CRSP 403: *Biostatistics for Clinical Research*. CRSP core course: 40 contact hours, 2003-2009.

Other School of Medicine Courses and Lectures

CRSP 401: *Introduction to Clinical Research*. Instructor and Developer of *Statistical Thinking for Clinical Research* Material: 12-20 hours, 2001-present. Statistics Materials available at <https://sites.google.com/a/case.edu/love-crsp401/>

Statistics for Medical Students entering the Research Block, Case School of Medicine: 2 hours, May 2011. Materials available at <https://sites.google.com/a/case.edu/statworkshop/>
Video stream available at <https://casemed.case.edu/videos/Year110/LV105121118.htm>

Guest Lecture on "Presenting Effectively with Data" CRSP 413: *Communication in Clinical Research Seminar*. 2013.

Guest Lecture on "Presenting Statistical Information in a Hurry" CRSP 413: *Communication in Clinical Research Seminar*. 2013.

Guest Lecture on "Visualizing Data - Why Should Data Miners Have All The Fun?" KL2 Scholars in Clinical Research. 2011.

Guest Lecture on "Propensity Score Methods: A Gentle Introduction" EPBI 483: *Causal Analysis*. 1.5 hours, 2009.

Instructor and Developer of Statistical Material, "Becoming a Doctor" (Block 1) of the Western Reserve₂ Curriculum. 6 hours, 2006.

Guest Lecture on "Survey Analysis" as part of Introduction to the Practice of Research, Primary Care Track Flexible Type A Elective. 2 hours, 2004.

Weatherhead School of Management

Courses Directed, Developed and Taught

MBA Math Camp: Pre-Term Program in Statistics and Mathematics. 40 hours, 1997-2001.

MBAC 414: *Statistics for Managers*. Core first-year full-time MBA course. 40 hours, 1997-2000.

OPRE 404: *Data Analysis*. Elective course for MBA, M.S., Ph.D., and advanced undergraduates. Modules on *Survey & Experimental Data* and *Time series Modeling & Forecasting* 40 hours, 1995-2001.

OPRE 428: *Statistical Methods for Operations Research Applications*. Required M.S./Ph.D. course. 40 hours, 1997-2000.

OPRE 528: *Experimental Design*. Ph.D. elective course. 40 hours, 1995.

OPRE 529: *Time Series Analysis*. Ph.D. elective course. 40 hours, 1996.

Other Courses Taught at Case Western Reserve University

QUMM 403: *Managerial Statistics*. Instructor, Core MBA Course. 40 hours, 1994-1997.

OPRE 490: *Statistics in Operations*. Instructor, M.S./Ph.D. Elective Course. 40 hours, 2000.

EPOM 409: *Engineering Processes* Capstone Course, Guest Lecture on Statistics, Quality & Experimental Design. Undergraduate capstone. 3 hours, 1997-2004.

UNIV 400: Teaching Assistant Training Program, Guest Lecturer. 4 hours, 2001-2003.

Recent/Upcoming National and International Teaching Activities

1. (October 2013.) **Love TE**, "Designing an Observational Study with the Propensity Score." 10th International Conference on Health Policy Statistics, Chicago.
2. (April 2013.) **Love TE**, "Using Propensity Scores to Design and Analyze Observational Studies." Invited Workshop at the "Innovations in Design, Analysis, and Dissemination: Frontiers in Biostatistical Methods" co-sponsored by the Department of Biostatistics (University of Kansas), the Kansas-Western Missouri Chapter of ASA, and Cerner Corporation.
3. **Love TE**, "Designing Observational Studies to Avoid Being Misled." Army Conference on Applied Statistics, Monterey, CA, October 2012.
4. **Love TE**, "Propensity Scores: Design and Analysis." Full-Day Short Course at Medtronic, Inc., Minneapolis, October 2012.
5. **Love TE**, "Comparative Effectiveness using Observational Studies." Invited Short Course at the 35th Annual Midwest Biopharmaceutical Statistics Workshop, May 2012.
6. Cebul RD, Einstadter DE **Love TE**, "Applications of Census-Based Estimates in Public and Member's Only Reporting." Aligning Forces for Quality Special Interest Group Webinar Series, 2012.
7. Cebul RD Einstadter DE **Love TE**, "Using Census Data to Measure Patient Socio-Economic Status." Aligning Forces for Quality Webinar, 2011.
8. **Love TE** "Propensity Score Analysis." Full-day seminar in HSR Methods: AcademyHealth Annual Research Meeting, Boston, 2010.
9. **Love TE** "Reducing the Impact of Selection Bias with Propensity Scores." Workshop at the 8th International Conference on Health Policy Statistics (ICHPS), Washington, DC, 2010.
10. **Love TE**, Dawson NV, Cebul RD "Cluster-Randomized Trials in Health Policy Research." Workshop at the 8th ICHPS, Washington, DC, 2010.
11. **Love TE** "Effective Use of Propensity Scores." Society of Hospital Medicine's Annual Meeting, Chicago, 2009.
12. **Love TE** "Reducing the Impact of Selection Bias with Propensity Scores." Workshop at the 7th ICHPS, Philadelphia, PA, 2008.

13. Cebul RD, Dawson NV, **Love TE** "Cluster-Randomized Trials in Health Policy Research." Workshop at the 7th ICHPS, Philadelphia, PA, 2008.
14. **Love TE**, Cebul RD, Dawson NV "Reducing Bias in Decision Models: Propensity Methods." Course Director, Society for Medical Decision Making Annual Meeting Short Course, Boston, 2006.
15. Cebul RD, Dawson NV, **Love TE** "Methods for Cluster-Randomized Trials of Real-Time Decision Support." Society for Medical Decision Making Annual Meeting Short Course, Boston, 2006. *Award for Outstanding Short Course.*
16. **Love TE** "Strategies for Using Propensity Scores Well." Workshop at the 6th ICHPS (then called ICHPR), Boston, 2005.
17. Cebul RD, Dawson NV, **Love TE** "Reducing Bias in Decision Models: Propensity Methods." Society for Medical Decision Making Annual Meeting Short Courses. 2001-2004. *Award for Outstanding Short Course, 2003.*
18. **Love TE** "Propensity Scores: Helping Non-Statisticians Get The Message." Chair and Presenter, Luncheon Roundtable, Joint Statistical Meetings, Toronto. 2004.
19. **Love TE** "Discussing and Displaying the Effectiveness of Causal Models for Observational Studies." Chair and Presenter, Luncheon Roundtable, Joint Statistical Meetings, San Francisco, 2003.
20. **Love TE**, Hinrichs C, Konrath T, workshop leaders. "We've Preached to the Choir: Now What?" 17th Making Statistics More Effective in Schools and Business Conference, University of Georgia, 2002.

Recent Regional Teaching Activities

1. Cebul RD, Einstadter DE **Love TE**, "Using Census Data to Measure Patient Socio-Economic Status." Better Health *Greater Cleveland* presentation, 2011.
2. **Love TE**, Ganem J, Struble J "What Students Need to be Scientifically and Quantitatively Literate" Panel. Ohio Mathematics and Science Coalition Meeting, Columbus, 2010.
3. **Love TE** "Statistical Thinking, Literacy and Effective Teaching." Ohio Mathematics and Science Coalition Quantitative Literacy Conference, Columbus, 2009.
4. **Love TE** "Using Propensity Scores Effectively to Deal with Selection Bias: A Follow-Up." American Statistical Association, Cleveland Chapter Fall Workshop, 2008.
5. **Love TE** "What People Thinking about Quality Improvement Should Know About Propensity Methods." American Society for Quality, Elyria-Lorain Chapter, 2005.
6. **Love TE** "Data Analysis and Statistical Thinking." Data Symposium for Administrators: Linking it All Together: Center for Mathematics & Science Education, Teaching & Technology (CMSETT), John Carroll University, 2004.
7. **Love TE** "Using Propensity Scores Effectively." American Statistical Association, Cleveland Chapter Fall Workshop, 2004.
8. **Love TE** "Propensity Scores: What do they do, How should I use them and Why should I care?" American Statistical Association, Cleveland Chapter, 2003.

Trainees at Case Western Reserve University

Current (Active) Trainees

1. [Praneeta Chodavarapu MD](#) M.S. Thesis Committee Member, "Maternal Nutrients and Neonate Body Composition." Clinical Research Scholars Program (CRSP), 2014-present.
2. [Gustavo Heresi-Davila MD](#) Career Mentor / Faculty Advisor, "Comparing Oral-First to IV Prosta-cyclin therapy in pulmonary arterial hypertension." Clinical Research Scholars Program (CRSP), 2011-present.
3. [Kashif Shaikh MD](#) Career Mentor / Faculty Advisor, Clinical Research Scholars Program (CRSP), 2014-present.
4. [Joe Zein MD](#) Career Mentor / Faculty Advisor, "The distinctive role of age and asthma duration on asthma severity." Clinical Research Scholars Program (CRSP), 2013-present.

Recent Trainees

5. [Recai Aktay MD, MPH](#) Member, M.P.H. Thesis Committee, "Association between Cigarette Smoking and Outcomes of Lung Cancer Screening: Does Smoking Matter Beyond 30 Pack-Years?" Department of Epidemiology & Biostatistics, 2013-2014.
6. [Matthew Bunte MD, M.S.](#) Member, M.S. Thesis Committee, "Correlation of Ankle-Brachial Index and Toe-Brachial Index with Infragenicular Arterial Patency in Critical Limb Ischemia." Clinical Research Scholars Program (CRSP), 2013-2014. Current Position: Chief Fellow in Interventional Cardiology, The Cleveland Clinic.
7. [Nicholas Schiltz Ph.D.](#) Dissertation Committee Member, "Access and Outcomes from Epilepsy Surgery among Medicaid Enrollees." Department of Epidemiology & Biostatistics, 2011-2013. Current Position: Research Analyst, Adjunct Instructor: CWRU Dept of Epidemiology & Biostatistics.
8. [Marta Keleva MD, M.S.](#) Career Mentor / Faculty Advisor, M.S. Thesis Committee, "Hospitalization Prior to Surgery and Risk for Postoperative Infectious Complications." Clinical Research Scholars Program (CRSP), 2012-2013. Current Position: Staff, The Cleveland Clinic.
9. [Marijan Koprivanac MD, M.S.](#) Career Mentor / Faculty Advisor, M.S. Thesis Committee, "Value of Robotically Assisted Surgery for Mitral Valve Disease." Clinical Research Scholars Program (CRSP), 2012-2013. Current Position: Staff, The Cleveland Clinic.
10. [Megan Hyland MD, M.S.](#) Career Mentor / Faculty Advisor, M.S. Thesis Committee, "Impact of Race on use of Disease-Modifying Therapy in Multiple Sclerosis." Clinical Research Scholars Program (CRSP), 2010-2012. Current Position: Assistant Professor, Department of Neurology - Neuroimmunology, University of Rochester Medical Center.
11. [Jared Conley MPH](#) M.D./Ph.D. Program, Independent Study Course in Propensity Methods and Observational Studies for Comparing Patient Populations in the EHR Setting, Fall 2011.
12. [Angela Tagliaferri M.S.](#) Research Mentor, M.S. Thesis Committee, "Risk Factors for Contact Lens Papillary Conjunctivitis associated with Silicone Hydrogel Continuous Contact Lens Wear." Department of Epidemiology & Biostatistics, 2011-2012.

13. [Bennie Jeng MD](#) Chair, M.S. Thesis Committee, "A randomized, double-mask, placebo-controlled, dose-response, phase 2, study of the safety and efficacy of Thymosin Beta 4 in the treatment of diabetic patients' corneal wounds resulting from epithelial debridement during vitrectomy." CRSP, 2010-2012. Now at University of California, San Francisco.
14. [Atul A. Khasnis MD, M.S.](#) Chair, M.S. Thesis Committee, "A Cost-Effectiveness Analysis of Weekly Complete Blood Count Monitoring for Leukopenia in patients with Granulomatosis and Polyangiitis (GPA) on Cyclophosphamide." Career Mentor / Faculty Advisor, CRSP, 2009-2011.
Current Position: Fellow, Center for Vasculitis Care and Research, Cleveland Clinic.
15. [Linda Cummings MD, M.S.](#) M.S. Thesis Committee, "Laparoscopic vs. Open Colectomy - A Propensity Score Analysis." CRSP, 2006-2007.
Current Position: Assistant Professor of Gastroenterology, Case Western Reserve University School of Medicine.
16. [John Carey MD, M.S.](#) M.S. Thesis Committee, "Defining Z-Scores in Clinical Densitometry." CRSP, 2005-2006.
Current Position: Department of Rheumatology, Merlin Park University Hospital, Galway, Ireland.
17. [Thomas Stern MD, M.S.](#) M.S. Thesis Committee, "Computer Decision Support for the Treatment of Asthma." CRSP, 2005-2006.
Current Position: Pulmonary, Critical Care and Sleep Medicine, Department of Internal Medicine, Carolinas Medical Center.
18. [Harriet Kayanja MD, Ph.D.](#) Ph.D. Dissertation Committee, "Effectiveness of Short Course Zidovudine vs. Nevirapine for Prevention of Mother-To-Child Transmission of HIV in Uganda: A Propensity Score Application." Department of Epidemiology & Biostatistics, 2004-2005.
Current Position: Department of Internal Medicine, University Hospitals of Cleveland.
19. [Lars Petersen MD, Ph.D.](#) Primary Care Track Summer Research Project Lead, "Adaptive Stroke Impact Assessment."
Current Position: Department of Family Medicine, Medical University of South Carolina.
20. [Robert J. Fox MD, M.S.](#) M.S. Thesis Committee, "The Short-Term Effects of Intravenous Methylprednisolone on Brain MRI Measures in Multiple Sclerosis." CRSP, 2002-2003.
Current Position: Medical Director, Department of Neurology, Mellon Center for Multiple Sclerosis Treatment and Research, Cleveland Clinic.
21. [Tina Rodrigue MD, M.S.](#) M.S. Thesis Committee, "Prediction of Functional Outcome after ICH." CRSP, 2002-2003.
Current Position: Staff Neurosurgeon, Naval Medical Center, Portsmouth, VA.
22. [David Litaker, MD, Ph.D.](#) Ph.D. Dissertation Committee, "Regional Variation in Health Systems Resources and Access to Health Care in Ohio." Department of Epidemiology & Biostatistics.
Current Position: Associate Professor of Medicine, Epidemiology & Biostatistics, Case Western Reserve University.
23. [Kevin Linderman, Ph.D.](#) Co-Chair, Ph.D. Dissertation Committee, "Economic, Statistical and Managerial Considerations in the Design of Multivariate Control Charts." Department of Operations Research & Operations Management, Case Western Reserve University.
Current Position: Associate Professor, Carlsson School of Management, University of Minnesota.

Courses Taught at University of Pennsylvania

The Wharton School, Department of Statistics

STAT 111: *Statistics for Behavioral Scientists, I*. Required course for undergraduates majoring in behavioral sciences. 40 hours, 1994-1995.

STAT 112: *Statistics for Behavioral Scientists, II*. Required course for undergraduates majoring in behavioral sciences. 40 hours, 1991-1994.

STAT 431: *Mathematical Statistics*. Elective course for undergraduates. 40 hours, 1993.

Secondary School Teaching

Teacher, Department of Mathematics, Hunter College High School, New York, New York. 1988.

Student Teaching, Barnard College Education Program, Columbia University. 1987-1988.

Research Support

Active Projects

Robert Wood Johnson Foundation (Cebul, PI) [05/01/13 - 04/30/15]

Aligning Forces for Quality 3.0: Better Health Greater Cleveland

Goals Competing renewal of RWJF support for Greater Cleveland's Aligning Forces for Quality initiative that will expand the program's measurement, reporting and improvement activities for ambulatory care of chronic conditions (diabetes, heart failure, hypertension) to include important utilization metrics and payment reform activities.

Role Director, Data Center; Chair, Information Management Committee

1U01HL103622 (Cuttler, Moore and Borawski, Co-PI) [07/01/10 - 06/30/17]

COPTR: Targeting Obesity and Blood Pressure in Urban Youth

Goals Childhood obesity, often associated with elevated blood pressure, causes morbidity and may cause early death. This research (a) assesses three behavioral approaches to treating obesity and reducing blood pressure in urban youth and (b) examines the influence of the school-community environment on the interventions' impact.

Role Co-Investigator, Lead Biostatistician.

KRR0244990A1 (Davis, PI) [09/17/07 - 05/31/16]

NIH: Clinical and Translational Science Award (CTSA)

Goals The Cleveland CTSA establishes a novel and academic home to train leaders for the nation's multidisciplinary clinical and translational sciences workforce.

Role Co-Director, Biostatistics, Epidemiology & Research Design (BERD) Core.

Completed Projects

Robert Wood Johnson Foundation (Cebul, PI) [05/01/11 - 04/30/13]

Aligning Forces for Quality 3.0: Better Health Greater Cleveland

Goals Competing renewal of RWJF support for Greater Cleveland's Aligning Forces for Quality initiative that will expand the program's measurement, reporting and improvement activities for ambulatory

care of chronic conditions (diabetes, heart failure, hypertension) to include important utilization metrics and payment reform activities.

Role Director, Data Center; Co-Chair, Information Management Committee

Robert Wood Johnson Foundation (Cebul, PI) [07/01/12 - 06/30/13]

Red Carpet Care for Patients in Greatest Need: The Greater Cleveland Super-Utilizer Project

Goals Better Health Greater Cleveland proposes a multi-payer Red Carpet Care program for those in greatest need, incorporating "Super User" clinics within level 3 NCQA recognized Patient-Centered Medical Home community practices of the MetroHealth System.

Role Director, Data Center; Co-Investigator

Robert Wood Johnson Foundation (Cebul, PI) [05/01/08 - 04/30/11]

Aligning Forces for Quality: The Regional Project - Better Health Greater Cleveland

Goals Region-wide measurement, reporting and improvement of ambulatory care for chronic conditions (diabetes, heart failure, hypertension.)

Role Director, Data Center; Co-Chair, Information Management Committee

1R01 HS 15123-01 (Cebul, PI) [10/01/04 - 09/30/07]

PHS/NHHS/AHRQ: Trial of Decision Support to Improve Diabetes Outcomes [DIG-IT]

Goals 2-year cluster-randomized trial of adult diabetics across two health systems using the same EMR system. We compare effects of our interventions on primary outcomes (quality of care/patient safety, and utilization), adjusting for baseline prognostic differences and clustering; estimate intervention effects in pre-specified sub-groups; describe features of patients and PCPs associated with different types and levels of intervention adoption; and describe unintended consequences.

Role Co-Investigator.

Medicaid Technical Assistance and Policy program [MEDTAPP] (Cebul, PI) [07/01/08 - 06/30/11]

State of Ohio Safety Net Consortium to Improve Diabetes Care and Outcomes

Goals A community-wide investigation of regional safety-net practices designed to activate diabetes patients and improve their care and outcomes.

Role Biostatistician, Lead Analyst.

WellPoint Foundation (Cebul, PI) [01/01/09 - 12/31/10]

Center for Community Solutions - Better Health Greater Cleveland

Goals Obtain and analyze chronic illness data of Northeast Ohio populations at the practice level.

Role Biostatistician, Director, Analytic Team.

RC2-MD004760 (Clochesy, PI) [09/30/09 - 09/29/11]

NIH: Electronic Self-Management Resource Training to Reduce Health Disparities (eSMART-HD)

Goals The e-SMART avatar-based simulation intervention helps medically and socially disenfranchised people negotiate care and self-manage their chronic illness more effectively.

Role Biostatistician, Co-Investigator.

RFA-DP07-70501SUPP09 (Katzan, PI) [09/01/09 - 08/31/12]

CDC: Ohio Paul Coverdell Stroke Registry

Goals Pilot a 30-day follow-up process for stroke patients hospitalized in six of the 26 hospitals participating in the Ohio Coverdell Registry to determine what factors related to the Registry associate with improved post-stroke outcomes.

Role Biostatistician.

R03 HS 13412-01 (Murray, PI) [09/30/02 - 09/29/04]

AHRQ: Outcomes of the Nursing Home Prospective Payment System

Goals Describe, detail and evaluate the changes in provision of rehabilitation services to newly admitted nursing home patients following the implementation of the Nursing Home (NH) Prospective Payment

System (PPS.)
Role Biostatistician.

PA R03 040 HS-014352 (Bailit, PI) [09/30/05 - 09/29/07]

AHRQ: Determinants of Intrapartum Obstetrical Quality

Goals To understand the elements of hospital structure and of obstetrical processes of care that influence intrapartum quality of care.

Role Biostatistician.

2T32 HS 00059-11 (Rimm and Cebul, Co-PI) [07/01/03 - 06/30/08]

AHRQ: Training Program in Health Services Research

Role Faculty.

1R01 CA H102828-03 (Rose, PI) [09/01/03 - 08/31/08]

NIH/NCI: Coping and Communication Support for Advanced Cancer Patients

Goals A randomized trial of coping and communication support for middle-aged and older patients with incurable late-stage cancer.

Role Faculty.

IIR 03-255-1 (Rose, PI) [06/01/04 - 11/30/08]

VA HSR&D Merit Review: Aging & Family Outcomes in Supportive Care of Advanced Cancer Patients

Goals To expand a coping and communication support intervention study to address family caregiver needs and to examine outcomes for family caregivers of middle-aged and older late-stage cancer patients during advanced cancer and end-of-life care and in bereavement.

Role Co-Investigator.

1R01 AG-022459 (Sudano, PI) [06/01/05 - 05/31/08]

NIH/NIA: Subjective/Objective Health Measures by Race/Ethnicity

Goals Examine the correspondence between subjective measures and a performance-based index of physical functioning among several diverse racial/ethnic groups.

Role Co-Investigator.

1K23 NS-45003-01 (Katzan, PI) [02/01/03 - 01/31/10]

NIH/NINDS: Predictors and Outcomes of Pneumonia after Stroke

Goals For the candidate to learn methodologies related to assessing and analyzing stroke management in the community setting.

Role Consultant.

1R01 HL 085561-01 (Ahmed, PI) [07/01/06 - 06/30/10]

Heart Failure, Chronic Kidney Disease, and Renin-Angiotensin System Inhibition

Goals To determine (using propensity score methods) if renin-angiotensin system inhibition is associated with reduction of mortality and morbidity in heart failure patients with chronic kidney disease.

Role Consultant.

K07 CA-096705 (Koroukian, PI) [09/01/03 - 08/31/08]

NIH/NCI: Cancer-Related Disparities in the Elderly Population

Goals Compare cancer-related outcomes (stage of diagnosis, treatment, and follow-up care) among individuals 65 or older diagnosed with breast, prostate, or colorectal cancer, using linked Ohio Cancer Incidence Surveillance System, Medicare, and Medicaid files.

Role Co-Mentor.

Selected Statistical Consulting Projects

Evaluation of the WaterHealth Initiative in India, International Finance Corporation, World Bank Group, 2012.

Louisiana State University (LA-STEM Program) Baton Rouge, LA. Propensity methodology, 2008-2009.

RM Consulting International, Chicago, IL. Propensity methodology & Regression modeling strategies, 2002-2008.

Office of Research & Technology Management, Case Western Reserve University. Survey design. 2003-2004.

Cleveland Zoological Society. Information technology and survey-related consulting. 1998-2001.

Invacare Corp., Elyria, OH. Prediction model development. 1997.

Weatherhead School of Management Alumni Association. Survey design. 1996-1997.

Publications

Peer-Reviewed Articles Published or In Press: [Mentees in blue](#)

In Press

1. Patel K Fonarow GC Ekundayo OJ Aban IB Kilgore ML **Love TE** Kitzman DW Gheorghiade M Allman RM Ahmed A Beta-blockers in older patients with heart failure and preserved ejection fraction: Class, dosage and outcomes. *Int J Cardiology* 2014, *In Press*.
doi:10.1016/j.ijcard.2014.03.005 [PMID: 24703206]
2. **Tagliaferri A Love TE** Szczotka-Flynn LB Risk factors for Contact Lens-Induced Papillary Conjunctivitis Associated with Silicone Hydrogel Contact Lens Wear. *Eye & Contact Lens* 2014, *In Press*.
doi:10.1097/ICL.000000000000019 [PMID: 24681609]

2014

3. Alagiakrishnan K Patel K Desai RV Ahmed MB Fonarow GC Forman DE White M Aban IB **Love TE** Aronow WS Allman RM Anker SD Ahmed A. Orthostatic hypotension and incident heart failure in community-dwelling older adults. *J Gerontology A Biol Sci Med Sci* 2014, 69A: 223-230.
doi:10.1093/gerona/g1t086 [PMID: 23846416]

2013

4. Ahmed A Bourge RC Fonarow GC Patel K Morgan CJ Fleg JL Avan IB **Love TE** Yancy CW Deedwania P van Veldhuisen DJ Filippatos GS Anker SD Allman RM Digoxin use and lower 30-day all-cause readmission for Medicare beneficiaries hospitalized for heart failure. *Amer J Medicine* 2013, 127: 61-70.
doi:10.1016/j.amjmed.2013.08.027 [PMID: 24257326]
5. Deedwania P Patel K Fonarow GC Desai RV Zhang Y Feller MA Ovalle F **Love TE** Aban IB Mujib M Ahmed MI Anker SD Ahmed A Prediabetes is not an independent risk factor for incident heart failure, other cardiovascular events or mortality in older adults: Findings from a population-based cohort study. *Int J Cardiology* 2013, 168: 3616-3622.
doi:10.1016/j.ijcard.2013.05.038 [PMID: 23731526]

6. Kaelber DC Waheed R Einstadter D **Love TE** Cebul RD Use and perceived value of Health Information Exchange: One Public Healthcare System's Experience. *Am J Managed Care*, 2013, 19: SP337-SP343.
http://www.ajmc.com/publications/issue/2013/2013-11-vol19-sp [PMID: 24511888]
7. Moore SM Borawski EA Cuttler L Ievers-Landis CE **Love TE** IMPACT: A multi-level family and school intervention targeting obesity in urban youth. *Contemporary Clinical Trials*, 2013, 36: 574-586.
doi:10.1016/j.cct.2013.08.009 [PMID: 24008055]
8. Mujib M Patel K Fonarow GC Kitzman DW Zhang Y Aban IB Ekundayo OK **Love TE** Kilgore ML Allman RM Gheorghiade M Ahmed A Angiotensin-converting enzyme inhibitors and outcomes in heart failure and preserved ejection fraction. *Amer J Medicine*, 2013, 126: 401-410.
doi:10.1016/j.amjmed.2013.01.004 [PMID: 23510948]
9. Patel K Fonarow GC Kitzman DW Aban IB **Love TE** Allman RM Gheorghiade M Ahmed A Aldosterone antagonists and outcomes in real-world older patients with heart failure and preserved ejection fraction. *JACC: Heart Failure* 2013, 1: 40-47.
doi:10.1016/j.jchf.2012.08.001 [PMID: 23814702]
10. **Schiltz NK** Koroukian SM Singer ME **Love TE** Kaiboriboon K Disparities in access to specialized epilepsy care. *Epilepsy Research* 2013, 107: 172-180.
doi:10.1016/j.eplepsyres.2013.08.003 [PMID: 24008077]
11. Shariff N Desai RV Patel K Ahmed MI Fonarow GC Rich MW Aban IB Banach M **Love TE** White M Aronow WS Epstein AE Ahmed A Rate-control versus Rhythm-control strategies and outcomes in septuagenarian patients with atrial fibrillation. *Amer J Medicine*, 2013, 126: 887-893.
doi:10.1016/j.amjmed.2013.04.021 [PMID: 24054956]
12. Zhang Y Kilgore ML Mujib M Arora T Aban IB Feller MA Desai RV Ekundayo OJ **Love TE** Allman RM Fonarow GC Ahmed A Design and rationale of studies of neurohormonal blockade and outcomes in diastolic heart failure using OPTIMIZE-HF registry linked to Medicare Data. *International J Cardiology* 2013, 166: 230-235.
doi:10.1016/j.ijcard.2011.10.089 [PMID: 22119116]

2012

13. Ahmed A Fonarow GC Zhang Y Sanders PW Arnett DK Feller MA **Love TE** Aban IB Levesque R Ekundayo OJ Dell'Italia LJ Bakris GL Allman RM Rich MW Renin-angiotensin inhibition in systolic heart failure and chronic kidney disease. *Amer J Medicine* 2012, 125: 399-410.
doi:10.1016/j.amjmed.2011.10.013 [PMID: 22321760]
14. Ahmed A Rich MW Zile M Sanders PW Patel K Zhang Y Aban IB **Love TE** Fonarow GC Aronow WS Allman RM Renin-angiotensin inhibition in diastolic heart failure and chronic kidney disease. *Amer J Medicine* 2012, 126: 150-161.
doi:10.1016/j.amjmed.2012.06.031 [PMID: 23331442]
15. Bowling B Fonarow GC Patel K Zhang Y Feller MA Sui X Blair S Alagiakrishnan K Aban IB **Love TE** Allman R Ahmed A Impairment of instrumental activities of daily living and incident heart failure in community-dwelling older adults. *European J of Heart Failure* 2012, 14: 581-587.
doi:10.1093/eurjhf/hfs034 [PMID: 22492539]
16. Kaelber DC Foster W Gilder J **Love TE** Jain AK Patient characteristics associated with Venous Thromboembolic Events (VTEs) - A Cohort Study using Pooled Electronic Health Record (EHR) Data. *J of the American Medical Informatics Association* 2012, 19: 965-972.
doi:10.1136/amiajn1-2011-000782 [PMID: 22759621]

17. **Love TE** O'Malley AJ Introduction to the special issue: Recap of Ninth International Conference on Health Policy Statistics. *Health Services & Outcomes Research Methodology* 2012; 12 (2-3): 81-83.
doi:10.1007/s10742-012-0096-8 [PMID: 22773918]
18. Mujib M Desai RV Ahmed MI Guichard JL Feller MA Ekundayo OJ Deedwania P Ali M Aban IB **Love TE** White M Aronow WS Rahimtoola SH Bonow RO Ahmed A Rheumatic heart disease and risk of incident heart failure among community-dwelling older adults: A prospective cohort study. *Ann of Medicine* 2012, 44: 253-261.
doi:10.3109/07853890.2010.530685
19. Patel K Fonarow GC Kitzman DW Aban IB **Love TE** Allman RM Gheorghiadu M Ahmed A Angiotensin receptor blockers and outcomes in older adults with heart failure and preserved ejection fraction: A propensity-matched inception cohort clinical effectiveness study. *European J of Heart Failure* 2012, 14: 1179-1188.
doi:10.1093/eurjhf/hfs101 [PMID: 22759445]
20. Pawar PP Jones LG Feller MA Guichard JL Mujib M Ahmed MI Roy B Rahman T Aban IB **Love TE** White M Aronow WS Fonarow GC Ahmed A Association between smoking and outcomes in older adults with atrial fibrillation. *Archives of Gerontology & Geriatrics* 2012, 55: 85-90.
doi:10.1016/j.archger.2011.05.027 [PMID: 21733581]
21. Roy B Desai RV Mujib M Epstein AE Zhang Y Guichard J Jones LG Feller MA Ahmed MI Aban IB **Love TE** Levesque R White M Aronow WS Fonarow GC Ahmed A Effect of warfarin on outcomes in septuagenarian atrial fibrillation patients. *Amer J Cardiology* 2012, 109: 370-377.
doi:10.1016/j.amjcard.2011.09.023 [PMID: 22118824]

2011

22. Adamopoulos C Meyer P Karatzidou K Ovalle F White M Aban IB **Love TE** Deedwania P Anker SD Ahmed A Absence of obesity paradox in patients with chronic heart failure and diabetes mellitus: A propensity-matched study. *European J of Heart Failure* 2011, 13: 200-206.
doi:10.1093/eurjhf/hfq159 [PMID: 20930001]
23. Ahmed MI Lainščak M Mujib M **Love TE** Aban IB Pina IL Aronow WS Bittner V Ahmed A Gender-related dissociation in outcomes in chronic heart failure: Reduced mortality but similar hospitalization in women. *Int J Cardiology* 2011, 148: 36-42.
doi:10.1016/j.ijcard.2009.10.019 [PMID: 20947188]
24. Banach M Bhatia V Feller MA Mujib M Desai RV Ahmed MI Guichard J Aban IB **Love TE** Aronow WS White M Deedwania P Fonarow G Ahmed A Relation of Baseline Systolic Blood Pressure and Long-Term Outcomes in Ambulatory Patients with Chronic Mild to Moderate Heart Failure. *Amer J Cardiology* 2011, 107: 1208-1214.
doi:10.1016/j.amjcard.2010.12.020 [PMID: 21296319]
25. Bowling CB Feller MA Mujib M Pawar PP Zhang Y Ekundayo OJ Aban IB **Love TE** Sanders PW Anker SD Fonarow GC Ahmed A. Relationship between stage of kidney disease and incident Heart Failure in older adults. *Amer J Nephrology* 2011, 34: 135-141.
doi:10.1159/000328905 [PMID: 21734366]
26. Cebul RD **Love TE** Jain AK Hebert CJ Electronic Health Records and Quality of Diabetes Care. *New England Journal of Medicine* 2011, 365, 825-833.
<http://healthpolicyandreform.nejm.org/?p=15235> [PMID: 21879900]
Selected by the Editorial Board of the 2012 *IMIA Yearbook of Medical Informatics* as one of the best

articles in medical informatics published in the previous year.

Cited as part of the American Medical Informatics Association's Informatics 2011 Year in Review:

<http://faculty.washington.edu/dmasys/YearInReview/2011index.html>

27. Deedwaina PC Ahmed MI Feller MA Aban IB **Love TE** Pitt B Ahmed A Impact of diabetes mellitus on outcomes in patients with acute myocardial infarction and systolic heart failure. *European J of Heart Failure* 2011, 13: 551-559.
doi:10.1093/eurjhf/hfr009 [PMID: 21393298]
28. Filippatos GS Ahmed MI Gladden JD Mujib M Aban IB **Love TE** Sanders PW Pitt B Anker SD Ahmed A Hyperuricemia, chronic kidney disease, and outcomes in heart failure: Potential mechanistic insights from epidemiological data. *European Heart J* 2011, 32: 712-720.
doi:10.1093/eurheartj/ehq473 [PMID: 21807662]
29. Filippatos GS Desai RV Ahmed MI Fonarow GC **Love TE** Aban IB Iskandrian A Konstam MA Ahmed A Hypoalbuminemia and incident heart failure in older adults. *European J of Heart Failure* 2011, 13: 1078-1086.
doi:10.1093/eurjhf/hfr088
30. Gheorghide M Flaherty JD Fonarow GC Desai RV Lee R McGiffin D **Love TE** Aban IB Eichhorn EJ Bonow RO Ahmed A Coronary artery disease, coronary revascularization and outcomes in chronic advanced systolic heart failure. *Int J Cardiology* 2011, 151: 69-75.
doi:10.1016/j.ijcard.2010.04.092 [PMID: 20554334]
31. Guichard JL Desai RV Ahmed MI Mujib M Feller MA Ekundayo OJ Fonarow GC Bittner V Aban IB White M Aronow WS **Love TE** Bakris GL Zieman SJ Ahmed A Isolated diastolic hypotension and incident heart failure in older adults. *Hypertension* 2011, 58: 895-901.
doi:10.1161/HYPERTENSIONAHA.111.178178 [PMID: 21947466]
Editorial: Franklin SS Levy D Aging, Blood Pressure, and Heart Failure: What are the Connections?
doi:10.1161/HYPERTENSIONAHA.111.179119
32. Kvale E Ekundayo OJ Zhang Y Akhter S Aban IB **Love TE** Ritchie C Ahmed A history of cancer and mortality in community-dwelling older adults. *Cancer Epidemiology* 2011, 35: 30-36.
doi:2010.1016/j.canep.2010.07.011 [PMID: 20708995]
33. **Lane BR** Russo P Uzzo RG Hernandez AV Boorjian SA Thompson RH Fergany AF **Love TE** Campbell SC Comparison of cold and warm ischemia during partial nephrectomy in 660 solitary kidneys reveals predominant role of nonmodifiable factors in determining ultimate renal function. *J of Urology* 2011, 185: 421-427.
doi:10.1016/j.juro.2010.09.131 [PMID: 21167524]
34. Mujib M Rahman AZ Desai RV Ahmed MI Feller MA Aban IB **Love TE** White M Deedwania P Aronow WS Fonarow G Ahmed A Warfarin use and outcomes in patients with advanced chronic systolic heart failure without atrial fibrillation, prior thromboembolic events or prosthetic valves. *Amer J Cardiology* 2011, 107: 552-557.
doi:10.1016/j.amjcard.2010.10.012 [PMID: 21254894]
Article highlighted in *MedBioWorld* (Jan 7, 2011)
(<http://www.medbioworld.com/news.php?topic=0&article=20110107clin008.xml>)
35. Roy B Pawar PP Desai RV Mujib M Zhang Y Feller MA Ovalle F Aban IB **Love TE** Iskandrian AE Fonarow GC Deedwania P Ahmed A A Propensity-Matched Study of the Association of Diabetes Mellitus with Incident Heart Failure and Mortality among Community-Dwelling Older Adults. *Amer J Cardiology* 2011, 108: 1747-1753.
doi:10.1016/j.amjcard.2011.07.046 [PMID: 21943936]

36. Sudano JJ Perzynski A **Love TE** Lewis SA Murray PM Huber G Ruo B Baker DW Measuring disparities: Bias in the Short Form-36v2 among Spanish-speaking medical patients. *Medical Care* 2011, 49: 480-488.
doi:10.1097/MLR.0b013e31820fb944 [PMID: 21430580]
37. Williams BR Zhang Y Sawyer PL Mujib M Jones LG Feller MA Ekundayo OJ Aban IB **Love TE** Lott A Ahmed A Intrinsic association of widowhood with mortality in community-dwelling older women and men: Findings from a prospective propensity-matched population study. *J Gerontol A Biol Sci Med Sci* 2011, 66A: 1360-1368.
doi:10.1093/gerona/g1r144 [PMID: 21903611]
38. Zhang Y Fonarow GC Sanders PW Farahmand F Allman RM Aban IB **Love TE** Levesque R Kilgore ML Ahmed A A Propensity-Matched Study of the Comparative Effectiveness of Angiotensin Receptor Blockers versus Angiotensin-Converting Enzyme Inhibitors in Heart Failure Patients Age \geq 65 Years. *Amer J Cardiology* 2011, 108: 1443-1448.
doi:10.1016/j.amjcard.2011.06.066 [PMID: 21890091]
(Highlighted by Reuters Health at <http://www.thedoctorschannel.com/go/reuters/4765.html>)

2010

39. Ahmed MI Aronow WS Criqui MH Aban IB **Love TE** Eichhorn EJ Ahmed A Effects of peripheral arterial disease on outcomes in advanced chronic systolic heart failure: A propensity-matched study. *Circ Heart Failure* 2010, 3: 118-124.
doi:10.1161/CIRCHEARTFAILURE.109.866558 [PMID: 19861658]
40. Ahmed MI Mujib M Desai RV Feller MA Daniel C Aban IB **Love TE** Deedwania P Pitt B Aronow WS Ahmed A Outcomes in younger and older adults with chronic advanced systolic heart failure: A propensity-matched study. *Int J Cardiology* 2010, 154: 128-133.
doi:10.1016/j.ijcard.2010.09.006 [PMID: 19939481]
41. Ahmed MI Ekundayo OJ Mujib M Campbell RC Sanders PW Pitt B Perry GJ Bakris G Aban IB **Love TE** Aronow WS Ahmed A Mild hyperkalemia and outcomes in chronic heart failure: A propensity-matched study. *Int J Cardiology* 2010, 144: 383-388.
doi:10.1016/j.ijcard.2009.04.041 [PMID: 19500863]
42. Bowling CB Pitt B Ahmed MI Aban IB Sanders PW Mujib M Campbell RC **Love TE** Aronow WS Allman RM Bakris GL Ahmed A Hypokalemia and outcomes in patients with chronic heart failure and chronic kidney disease: Findings from propensity-matched studies. *Circ: Heart Failure* 2010, 3: 253-260.
doi:10.1161/CIRCHEARTFAILURE.109.899526 [PMID: 20103777]
43. Desai RV Banach M Ahmed MI Mujib M Aban IB **Love TE** White M Fonarow G Deedwania P Aronow WS Ahmed A Impact of Baseline Systolic Blood Pressure and Long-Term Outcomes in Patients with Advanced Chronic Systolic Heart Failure (Insights from the BEST Trial.) *Amer J Cardiology* 2010, 106: 221-227.
doi:10.1016/j.amjcard.2010.02.032 [PMID: 20599007]
44. Ekundayo OJ Adamopoulos C Ahmed MI Pitt B Young JB Fleg JL **Love TE** Sui X Perry GJ Siscovick DS Bakris G Ahmed A Oral potassium supplement use and outcomes in chronic heart failure: A propensity-matched study. *Int J Cardiology* 2010, 141: 167-174.
doi:10.1016/j.ijcard.2008.11.195 [PMID: 19135741]

45. Ekundayo OJ Dell'Italia LJ Sanders PW Arnett D Aban IB **Love TE** Filippatos G Anker SD Lloyd-Jones DM Bakris G Mujib M Ahmed A Association between hyperuricemia and incident heart failure among older adults: A propensity-matched study. *Int J Cardiology* 2010, 142: 279-287. doi:10.1016/j.ijcard.2009.01.010 [PMID: 19201041]
46. Giamouzis G Agha SA Ekundayo OJ Aban IB **Love TE** Daniel C Butler J Ahmed A Incident coronary revascularization and subsequent mortality in chronic heart failure: A propensity-matched study. *Int J Cardiology* 2010, 140: 55-59. doi:10.1016/j.ijcard.2008.10.049 [PMID: 19081647]
47. Iyer AS Ahmed MI Filippatos G Ekundayo OJ Aban IB **Love TE** Nanda NC Bakris GL Fonarow GC Aronow WS Ahmed A Uncontrolled hypertension and increased risk for incident heart failure in older adults with hypertension: findings from a propensity-matched prospective population-based study. *J Am Soc Hypertens* 2010, 4: 22-31. doi:10.1016/j.jash.2010.02.002 [PMID: 20374948]
48. Pitt B Zannad F Gheorghiade M Martinez F **Love TE** Daniel C Ahmed A Transatlantic similarities and differences in major natural history endpoints after acute myocardial infarction: A propensity-matched study of the EPHEsus trial. *Int J Cardiology* 2010, 143: 309-316. doi:10.1016/j.ijcard.2009.03.036 [PMID: 19371959]

2009

49. Adamopoulos C Pitt B Sui X **Love TE** Zannad F Ahmed A Low serum magnesium and cardiovascular mortality in chronic heart failure: A propensity-matched study. *Int J Cardiology* 2009, 136: 270-277. doi:10.1016/j.ijcard.2008.05.006 [PMID: 18672302]
50. Ahmed MI White M Ekundayo OJ **Love TE** Aban IB Liu B Aronow WS Ahmed A A history of atrial fibrillation and outcomes in chronic advanced systolic heart failure: A propensity-matched study. *Eur Heart J* 2009, 30: 2029-2037. doi:10.1093/eurheartj/ehp222 [PMID: 19531579]
51. Alper AB Campbell RC Anker SD Bakris G Wahle C **Love TE** Hamm LLL Mujib M Ahmed A A propensity-matched study of low serum potassium and mortality in older adults with chronic heart failure. *Int J Cardiology* 2009, 137: 1-8. doi:10.1016/j.ijcard.2008.05.047 [PMID: 18691778]
Erratum in: *Int J Cardiology* 2010, 145: 409.
52. Campbell RC Sui X Wahle C Filippatos G **Love TE** Sanders PW Ahmed A Association of chronic kidney disease with outcomes in chronic heart failure: A propensity-matched study. *Nephrology Dialysis Transplantation* 2009, 24: 186-193. doi:10.1093/ndt/gfn445 [PMID: 18711222]
53. **Carey JJ** Delaney MF **Love TE** Cromer BA Miller PD Richmond BJ Manilla-McIntosh M Lewis SA Thomas CL Licata AA Dual-energy X-ray absorptiometry diagnostic discordance between Z-scores and T-scores in young adults. *J Clin Densitometry* 2009, 12: 11-16. doi:10.1016/j.jocd.2008.11.001 [PMID: 19195620]
54. Ekundayo OJ Allman RM Sanders PW Aban IB **Love TE** Arnett D Ahmed A Isolated systolic hypertension and incident heart failure in older adults: A propensity-matched study. *Hypertension* 2009, 53: 458-465. Accompanying Editorial: Gasowski J Grodzicki T Systolic Swing of the Pendulum. *Hypertension* 2009, 53: 452-3. doi:10.1161/HYPERTENSIONAHA.108.119792 [PMID: 19188527]

55. Sullivan C Sayre SS Leon JB Machekano R **Love TE** Porter D Marbury M Sehgal AR Impact of food additives on hyperphosphatemia among end-stage renal disease patients: A randomized controlled trial. *JAMA* 2009, 301: 629-635.
doi:10.1001/jama.2009.96 [PMID: 19211470]

2008

56. Ahmed A Allman RM Fonarow GC **Love TE** Zannad F Dell'Italia LJ White M Gheorghide M Incident heart failure hospitalization and subsequent mortality in chronic heart failure: A propensity-matched study. *J Cardiac Failure* 2008, 14: 211-218.
doi:10.1016/j.cardfail.2007.12.001 [PMID: 18381184]
57. Ahmed A Pitt B Rahimtoola SH Waagstein F White M **Love TE** Braunwald E Effects of digoxin at low serum concentrations on mortality and hospitalization in heart failure: A propensity-matched study of the DIG trial. *Int J Cardiology* 2008, 123: 138-146.
[PMID: 17382417]
58. Ahmed A Young JB **Love TE** Levesque R Pitt B A propensity-matched study of the effects of chronic diuretic therapy on mortality and hospitalization in older adults with heart failure. *Int J Cardiology* 2008, 125: 246-53.
[PMID: 17706809]
59. Bailit JL **Love TE** The role of race in cesarean rate case mix adjustment. *Am J Obstetrics and Gynecology* 2008, 198: 69.e1-5.
[PMID: 17905177]
60. Filippatos GS Adamopoulos C Sui X **Love TE** Pullicino PM Lubsen J Bakris G Anker SD Howard G Kremastinos DT Ahmed A A propensity-matched study of hypertension and increased stroke-related hospitalization in chronic heart failure. *Am J Cardiology* 2008, 101: 1772-1776.
doi:10.1016/j.amjcard.2008.02.071 [PMID: 18549857]
61. Gambassi G Agha SA Sui X Yancy CW Butler J Giamouzis G **Love TE** Ahmed A Race and the natural history of chronic heart failure: A propensity-matched study. *J Cardiac Failure* 2008, 14: 373-378.
doi:10.1016/j.cardfail.2008.02.004 [PMID: 18514928]
62. Giamouzis G Sui X **Love TE** Butler J Young JB Ahmed A A propensity-matched study of the association of cardiothoracic ratio and natural history endpoints in chronic heart failure. *Am J Cardiology* 2008, 101: 343-347.
doi:10.1016/j.amjcard.2007.08.039 [PMID: 18237597]
63. **Love TE** Cebul RD Einstadter D Jain AK Miller H Harris CM Greco PJ Husak SS Dawson NV Electronic medical record-assisted design of a cluster-randomized trial to improve diabetes care and outcomes. *J Gen Internal Med* 2008, 23: 383-391.
doi:10.1007/s11606-007-0454-3 [PMID: 18373134]
Cited as part of the American Medical Informatics Association's Informatics 2008 Year in Review:
<http://faculty.washington.edu/dmasys/YearInReview/2008index.html>
64. Meyer P White M Mujib M Nozza A **Love TE** Aban IB Young JB Wehrmacher WH Ahmed A Digoxin and reduction of heart failure hospitalization in chronic systolic and diastolic heart failure. *Am J Cardiology* 2008, 102: 1681-1686.
doi:10.1016/j.amjcard.2008.05.068 [PMID: 19064024]

65. Pitt B Ahmed A **Love TE** Krum H Nicolau J Cardoso JS Parkhomenko A Ashermann M Corbalán R Solomon H Shi H Zannad F History of hypertension and eplerenone in patients with acute myocardial infarction complicated by heart failure. *Hypertension* 2008, 52: 271-278.
doi:10.1161/HYPERTENSIONAHA.107.109314 [PMID: 18559720]
66. Rose JH O'Toole EE Einstadter D **Love TE** Shenko CA Dawson NV Patient age, well-being, perspectives, and care practices in the early treatment phase for late-stage cancer *J Gerontol A Biol Sci Med Sci* 2008, 63: 960-968.
[PMID: 18840801]

2007

67. Ahmed A Aban IB Vaccarino V Lloyd-Jones DM Goff DC Zhao J **Love TE** Ritchie C Ovalle F Gambassi G Dell'Italia LJ A propensity matched study of the effect of diabetes on the natural history of heart failure: variations by sex and age. *Heart* 2007, 93: 1584-1590.
[PMID: 17488764]
68. Ahmed A Rich MW Sanders PW Perry GJ Bakris GL Zile MR **Love TE** Aban IB Shlipak MG Chronic kidney disease associated mortality in diastolic vs. systolic heart failure: A propensity score analysis. *Am J Cardiology* 2007, 99: 393-398.
[PMID: 17261405]
69. Ahmed A Zannad F **Love TE** Tallaj J Ekundayo OJ Pitt B A propensity matched study of the association of low serum potassium levels and mortality in heart failure. *Eur Heart J* 2007, 28: 1334-1343.
[PMID: 17537738]
70. Ahmed A Zile MR Rich MW Fleg JL Adams KF **Love TE** Young JB Aronow WS Kitzman DW Gheorghiade M Dell'Italia LJ Hospitalizations due to unstable angina pectoris in diastolic and systolic heart failure. *Am J Cardiology* 2007, 99: 460-464.
[PMID: 17293184]
71. **Carey JJ** Delaney MF **Love TE** Richmond BJ Cromer BA Miller PD Manilla-McIntosh M Lewis SA Thomas CL Licata AA DXA-generated Z-scores and T-scores may differ substantially and significantly in young adults. *J Clinical Densitometry* 2007, 10: 351-358.
[PMID: 17662630]
72. Rose JH Bowman KF O'Toole EE Abbott K **Love TE** Thomas CL Dawson NV Caregiver objective burden and assessments of patient-centered family-focused care for frail elderly veterans. *The Gerontologist* 2007, 47: 21-33.
[PMID: 17327537]
73. **Stevens T** Conwell DL Zuccaro G Lewis SA **Love TE** The efficiency of endoscopic pancreatic function testing is optimized using duodenal aspirates at 30 and 45 minutes after intravenous secretin. *Am J Gastroenterology* 2007, 102: 297-301.
[PMID: 17100964]

2006

74. Ahmed A Husain A **Love TE** Gambassi G Dell'Italia LJ Francis GS Gheorghiade M Allman RM Meleth S Bourge RC Heart failure, chronic diuretic use, and increase in mortality and hospitalization: An observational study using propensity scores. *European Heart J* 2006, 27: 1431-1439.
[PMID: 16709595]

75. Ahmed A **Love TE** Sui X Rich MW Effects of Angiotensin-Converting Enzyme inhibitors in systolic heart failure patients with chronic kidney disease: A propensity score analysis. *J Cardiac Failure* 2006, 12: 499-506.
[PMID: 16952782]
76. Ahmed A Perry GJ Fleg JL **Love TE** Goff DC Kitzman DW Outcomes in ambulatory chronic systolic and diastolic heart failure: A propensity score analysis. *Am Heart J* 2006, 152: 956-966.
[PMID: 17070167]
77. Ahmed A Rich MW Fleg JL Zile MR Young JB Kitzman DW **Love TE** Aronow WB Adams KF Gheorgiade M Effects of digoxin on morbidity and mortality in diastolic heart failure: The ancillary Digitalis Investigation Group Trial. *Circulation* 2006, 114: 397-403.
[PMID: 16864724]
78. Ahmed A Rich MW **Love TE** Lloyd Jones DM Aban IB Colucci WS Adams KF Gheorghide M Digoxin and reduction in mortality and hospitalization in heart failure: A comprehensive post hoc analysis of the DIG trial. *Eur Heart J* 2006, 27: 178-186.
[PMID: 16339157]
79. Bailit JL **Love TE** Dawson NV Quality of obstetric care and risk-adjusted primary cesarean rates *Amer J Obstetrics & Gynecology* 2006, 194: 402-407.
[PMID: 16458637]

2005

80. [Litaker D](#) Koroukian SM **Love TE** Context and health care access: Looking beyond the individual. *Medical Care* 2005, 43: 531-540.
[PMID: 15908847]
81. [Litaker D](#) **Love TE** Health care resource allocation and individuals' health care needs: Examining the degree of fit. *Health Policy* 2005, 73: 183-193.
[PMID: 15978961]
82. [Mentari EK](#) DeOreo PB O'Connor AS **Love TE** Ricanati ES Sehgal AR Changes in Medicare reimbursement and patient-nephrologist visits, quality of care, and health-related quality of life. *Am J Kidney Diseases* 2005, 46: 621-627.
[PMID: 16183416]
83. Murray PK **Love TE** Dawson NV Thomas CL Cebul RD Rehabilitation services following the implementation of the nursing home prospective payment system: Differences related to patient and nursing home characteristics. *Medical Care* 2005, 43: 1109-1115.
[PMID: 16224304]

2004 and earlier

84. Bailit JL **Love TE** Mercer B Rising cesarean rates: Are patients sicker? *Am J Obstetrics & Gynecology* 2004, 191: 800-803.
[PMID: 15467544]
85. **Love TE** [Linderman KW](#) A Weibull process failure mechanism for the economic design of MEWMA control charts. *J Statistical Computation and Simulation* 2003, 73: 195-202.

86. **Love TE** Hildebrand DK Statistics education and the Making Statistics More Effective in Schools and Business (MSMESB) conferences. *The Amer Statistician* 2002, 56: 107-112.
87. **Linderman KW Love TE** Economic and Economic-Statistical designs for MEWMA control charts. *J Quality Technology* 2000, 32: 410-417.
88. **Linderman KW Love TE** Implementing Economic and Economic-Statistical Designs for MEWMA control charts. *J Quality Technology* 2000, 32: 457-463.
89. **Love TE** A different approach to project assessment. *J Statistics Education* 2000, 8(1).
<http://www.amstat.org/publications/jse/secure/v8n1/love.cfm>
90. **Love TE** A project-driven second course. *J Statistics Education* 1998, 6(1).
<http://www.amstat.org/publications/jse/v6n1/love.html>
91. **Love TE** Distractor selection ratios. *Psychometrika* 1997, 62: 51-62.

Book Chapters

Cebul RD Dawson NV **Love TE** Cluster randomized trials in health care research. *The Textbook of Clinical Trials*, 2nd Ed. 2006, D Machin S Day S Green, eds., Wiley, Chapter 36.

Letters To The Editor

O'Connor A **Love TE** Propensity scores and observational research. *Am J Medicine* 2006, 119: e15-e16.
[PMID: 16490455]

Non-Peer-Reviewed Articles and Essays

Better Health Greater Cleveland (2008-). Contributor for Executive Summaries, Community Health Checkup Reports and Website Materials.
<http://www.betterhealthcleveland.org>

Love TE Compromises and success stories in a project-driven second course. American Statistical Association 1996 Proceedings of the Section on Statistical Education, 117-122.

Love TE Nonparametric Statistics. *Encyclopedia of Business*, Gale Research, 1996.

Love TE Teaching, reading and doing statistical proofs. American Statistical Association 1995 Proceedings of the Section on Statistical Education, 199-204.

Selected Manuscripts Submitted or In Preparation

1. Ahmed A Ekundayo OJ Arnett D Sanders PW Aban IB **Love TE** Filippatos G Anker SD Lloyd-Jones DM Bakris G Mujib MU Dell'Italia LJ. High serum uric acid and increased risk of new-onset heart failure in community dwelling older adults. *Submitted*.
2. Cebul RD **Love TE** Dawson NV Einstadter DE Greco PJ Husak SS Roach MJ Votruba ME Electronic Medical Record-Catalyzed Clinical Decision Support to Improve Diabetes Care. *In Preparation*.
3. Cebul RD **Love TE** Bronson D Hebert CJ Accelerating EHR-catalyzed quality improvement using data from a regional health improvement collaborative to find and share best practices. *In Preparation*.

4. Ritchie CS Ekundayo OJ Zhang Y Lainščak M Adamopoulos C Banach M Aban IB **Love TE** Aronow WS Deedwania P Ahmed A Chronic obstructive pulmonary disease and outcomes in community-dwelling older adults: A propensity-matched prospective population-based study. *Submitted.*
5. **Schiltz NK** Kaiboriboon K Singer M **Love TE** Koroukian S Impact of insurance status and proximity to epilepsy centers on the utilization of Video-EEG and epilepsy surgery. *In Preparation.*
6. Sudano JJ Ruo B **Love TE** Huber G Thompson JA Lewis SA Perzynski A Murray PK Baker DW Racial-ethnic differences in self-reports of physical functioning and general health: A focus on the contribution of performance-based measures of physical functioning. *Submitted.*
7. Votruba ME Cebul RD Einstadter DE Husak SS Dawson NV Roach MJ **Love TE** P4P and the Uninsured: The Case of Poor Glycemic Control. *In Preparation.*
8. Votruba ME **Love TE** Cebul RD The Rough Incentives in Threshold-Based P4P. *Submitted.*

Recent Research Presentations

National / International Meetings

1. **Love TE.** "Effective Despite Expectations: Service vs. Collaboration", Panel on "Teaching through Collaboration: Lessons from Clinical and Translational Science for Biostatisticians and Teachers of Statistics in the Health Sciences." *Joint Statistical Meetings, August 2013.*
2. **Love TE,** Discussant, "New Developments in Propensity Score Analysis." *American Public Health Association, October 2012.*
3. **Love TE** Making Public Performance Reporting Meaningful and Useful: Large Observational Studies of the Role of Electronic Health Records in Chronic Disease Care. *Joint Statistical Meetings, August 2012.*
4. **Love TE,** Discussant, "What is the big deal about balance? Assessment and implications of group equivalence when using propensity scores." *Joint Statistical Meetings, August 2011.*
5. **Love TE** Statistical Considerations and Methods for Observational Studies and Comparative Effectiveness Research. Genentech, San Francisco, CA, December 2010.
6. **Love TE** Observational Research Studies - A General Session. Genentech, San Francisco, CA, December 2010.
7. **Love TE** Must we be misled by observational studies? University of Alabama / Birmingham Center for Aging and Birmingham/Atlanta VA GRECC. Birmingham, AL, May 2008.
8. **Love TE** Reducing the Impact of Selection Bias with Propensity Scores. Data Analysis Seminar Series at University of Alabama Center for Aging and Birmingham/Atlanta VA GRECC. Birmingham, AL, May 2008.
9. Stukel TA D'Agostino Jr RB Small D (**Love TE** Chair, Discussant and Organizer) Assessing Causation in Observational Studies: Propensity Scores and Instrumental Variables. Invited session at the 7th ICHPS, Philadelphia, PA. January 2008.
10. Ahmed A Adamopoulos C Sui X **Love TE** Potassium supplement use may increase hospitalization without affecting mortality in chronic heart failure: Implications for use of aldosterone antagonists to maintain potassium balance in chronic heart failure. Abstract Oral Session, American Heart Association Scientific Sessions. Orlando, November 2007.

11. **Love TE** Cebul RD Einstadter D Dawson NV Results of designing to balance a cluster-randomized trial of EMR-based clinical decision support for diabetes. Abstract Oral Presentation, Society for Medical Decision Making Meeting. Pittsburgh, PA. October 2007.
12. **Love TE** Balance and Design using Propensity Scores for Public Health Research. NCCAM Workshop on "Applying Principles from Complex Systems to Studying the Efficacy of CAM Therapies" Washington DC, October 2007.
13. **Love TE** Discussant, "Making Statistics Effective" at Invited Session on "Recent Outreach from the American Statistical Association to the General Public." *Joint Statistical Meetings*, August 2007.
14. Murray PK **Love TE** Propensity adjusted outcomes of the nursing home prospective payment system (PPS). Presented at the State of the Science Symposium on Post Acute Care Rehabilitation: Setting a Research Agenda and Developing an Evidence Base for Practice and Public Policy, Washington DC, February 2007.
15. Katzan I Thomas CL Murray PK **Love TE** Dawson NV Frequency and predictors of readmission in the first year after stroke. 31st International Stroke Conference, Kissimmee FL, February 2006.
16. Wolf AW **Love TE** "Item Response Theory and The Assessment of Psychotherapy Outcome" American Psychological Association, Washington, DC, August 2005.
17. Wolf AW **Love TE** "Item Response Theory and The Assessment of Psychotherapy Outcome" North American Society for Psychotherapy Research, Montreal, Canada, June 2005.
18. **Love TE** Dawson NV Thomas CL Cebul RD "A Cautionary Tale: Instrumental Variable Validation and Covariate Balance," Section on Health Policy Statistics Topic Contributed Session on "Causal Inference in Health Services Research: Taking Account of Hidden Bias," *Joint Statistical Meetings*, August 2004.
19. **Love TE** "Adaptive Assessment of Stroke Impact," Section on Health Policy Statistics, *Joint Statistical Meetings*, August 2003.
20. **Love TE** "Explaining Post-Propensity Score Covariate Balance." International Biometric Society, Eastern North American Region Meeting, April 2003.
21. **Love TE** "Displaying Covariate Balance after Adjustment for Selection Bias," Section on Health Policy Statistics, *Joint Statistical Meetings*, August 2002.
22. **Love TE** "Quality Improvement and Propensity Models," Institute for Operations Research & the Management Sciences (INFORMS) Meeting, Miami, November 2001.
23. **Love TE** Moderator and Convenor, "Special Plenary Session in Memory of David Hildebrand," 15th MSMESB Conference, Syracuse University, June 2000.

Regional Meetings

24. Cebul RD **Love TE** Solov D "Better Health in a new era: 12th Community Health Checkup" The City Club of Cleveland, February 2014.
25. **Love TE** "Better Health Greater Cleveland - Data and Insights to Drive Better Health Care for Everyone." Ohio Practice-Based Research Festival 2.0: The Growing Intersection of Primary Care and Public Health, December 2013.

26. Cebul RD **Love TE** "*Better Health's* 11th Community Health Checkup: Shortening the Path to High-Value, Patient-Centered Care." Readyng the Health Care Workforce for Transformation Conference, July 2013.
27. **Love TE** "'Bright Spots' - Celebrating and Learning About Achievement and Improvement" Better Health *Greater Cleveland Learning Collaborative Summit*, March 2013.
28. **Love TE** "Using the Better Health *Greater Cleveland Members Site*" Better Health *Greater Cleveland Learning Collaborative Summit*, September 2012.
29. **Love TE** "Diving into the Data: Building New Tools to Visualize and Learn from Your Results" Better Health *Greater Cleveland Learning Collaborative Summit*, March 2011.
30. **Love TE** "Not Your Father's Statistics: What Dermatologists need to know about Modern Clinical Research Methods" Cleveland Dermatological Society, November 2010.
31. **Love TE** "Statistical Thinking and Quantitative Literacy" Ohio Mathematics and Science Coalition Quantitative Literacy Conference, Columbus, October 2009.
32. **Love TE** "Why Data Analysis and Statistical Thinking Matters" National Council of Teachers of Mathematics Regional Meeting, Cleveland, October 2008.
33. Bailit JL **Love TE** "Building Risk-Adjustment Models for the Assessment of Obstetrical Quality" Cleveland Chapter, American Statistical Association, December 2007.
34. **Love TE** Linderman KW "Economic and Statistical Concerns in the Design of Multivariate Control Charts" Elyria/Lorain Chapter, American Society for Quality, May 2005.
35. Wolf AW **Love TE** Kraus D Castonguay L "Item Response Theory and Psychotherapy Outcome" Ohio Society for Psychotherapy Research, Toledo, Ohio, April 2005.
36. **Love TE** "Why Statistical Thinking Matters," Invited Address for the Greater Cleveland Council of Teachers of Mathematics Annual Awards Banquet, May 2004.
37. **Love TE** "Educating Business Students and Quality: Lessons from the MSMESB Conferences," American Society for Quality, Elyria/Lorain Chapter, November 2001.
38. **Love TE** "Education, Quality and Making Statistics More Effective in Schools and Business," American Society for Quality, Cleveland Chapter, May 2001.
39. **Love TE** "Statistics Education and the MSMESB Conferences," American Statistical Association, Cleveland Chapter, March 2001.

Case Western Reserve University & Affiliates

40. **Love TE** "Visualizing Data to improve Health Research and Care." MetroHealth Medical Center Department of Medicine Grand Rounds, September 2010.
41. **Love TE** "Effective Design in Health Care Evaluation: Getting Statisticians More Deeply Involved in Interdisciplinary, Collaborative Work." Department of Statistics Colloquium. November 2007.
42. **Love TE** "Designing a Cluster-Randomized Trial of EMR-Catalyzed Clinical Decision Support: DIG-IT and Beyond" Department of Epidemiology and Biostatistics Seminar Series, January 2007.
43. **Love TE** "Cluster Randomized Trials of EMR-Catalyzed Decision Support: Part II. Analytic and Strategic Concerns." Center for Health Care Research & Policy, Sept. 2006.

44. **Love TE** "Evidence in medical trials - What can we learn from data?" Division of Rheumatology, University Hospitals Health System, September 2006.
45. **Love TE** "A Statistician's Adventures in Public Health Research: Balance and Design" Department of Statistics, Case Western Reserve University, March 2006.
46. **Love TE** "Must We Be Misled By Observational Studies?" MetroHealth Medical Center Department of Medicine Grand Rounds, May 2005.
47. **Love TE** "Item Response Theory, Adaptive Assessment, and Health Services Research" Louis Stokes Cleveland VA Medical Center, November 2004.
48. Peterson L **Love TE** Katzan I Husak SA Cebul RD "Computer Based Stroke Impact Assessment." MetroHealth Medical Center Research Days, September 2003.
49. **Love TE** Litaker D "Hierarchical Modeling." Methods Seminar Series, Center for Health Care Research & Policy, CWRU-MetroHealth, August 2002.
50. **Love TE** "Item Response Models and Health Services Research." Methods Seminar Series, Center for Health Care Research & Policy, CWRU-MetroHealth, July 2002.
51. **Love TE** "Propensity Scores for Selection Bias Adjustment in Observational Studies," Department of Operations, Weatherhead School of Management, March 2002.
52. **Love TE** "Smoking, Stephen Jay Gould and Convertibles: Statistical Graphics for Data Presentation and Analysis," Center for Health Care Research & Policy, January 2002.
53. **Love TE** "Improving Logistic Regression Analysis: Diagnostics and Model Selection," Center for Health Care Research & Policy Methods Seminar Series, August 2001.

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