



Programs & Services Committee Agenda

City of Newton **In City Council**

Wednesday, September 21, 2016

7:45PM

Room 211/Council Chamber

Items Scheduled for Discussion:

#292-16 **Mayor's appointment of Elizabeth Dugan to the Newton Council on Aging**
HIS HONOR THE MAYOR appointing ELIZABETH DUGAN, 62 Woodcliff Road, Newton as a Commissioner of the COUNCIL ON AGING for a term to expire September 15, 2019. (60 days 11/05/16) [08/04/16 @ 11:34 AM]

Referred to Programs & Services and Finance Committees

#306-16 **Request to review and possibly adjust the City Clerk/Clerk of the Council's salary**
COUNCILORS LENNON AND LAPPIN requesting a salary review and possible ordinance amendment to adjust the salary of the City Clerk/Clerk of the City Council pursuant to Article XI of the Rules and Orders of the City Council 2016-2017. 08/24/16 @ 2:41 PM]

Referred to Programs & Services and Finance Committees

#322-16 **Request for \$500,000 for removal of 2,500 tree stumps**
HIS HONOR THE MAYOR requesting authorization to appropriate five hundred thousand dollars (\$500,000) from Free Cash for the purpose of funding the removal of approximately 2,500 tree stumps located throughout the City, as a result of the city's aggressive tree removal program to remove the most dangerous trees throughout the City. [09/12/16 @ 3:48 PM]

#31-15 **Proposing an ordinance to limit leaf blower use**
PROGRAMS & SERVICES COMMITTEE proposing an ordinance to limit the use of leafblowers. [01/26/15 @ 2:20 PM]

The location of this meeting is accessible and reasonable accommodations will be provided to persons with disabilities who require assistance. If you need a reasonable accommodation, please contact the city of Newton's ADA Coordinator, Jini Fairley, at least two business days in advance of the meeting: jfairley@newtonma.gov or (617) 796-1253. The city's TTY/TDD direct line is: 617-796-1089. For the Telecommunications Relay Service (TRS), please dial 711.

- #31-15(2) Amend Noise Ordinance restrictions for yard maintenance equipment**
THE PROGRAMS & SERVICES COMMITTEE requesting to amend *Chapter 20-13, Noise Control*, relative to time restrictions on the use of yard, garden or grounds maintenance equipment. [03/19/15 @ 12:14 PM]

Referred to Programs & Services and Finance Committees

- #31-15(4) Amend Chapter 20 Section 51 Civil Fine for Littering to Include Yard Waste**
PROGRAMS & SERVICES COMMITTEE requesting that the City of Newton Ordinances Chapter 20, Section 51, Depositing of Litter, be amended to include leaves, yard waste, and other similar material, and that civil fines be associated with violations of the section and added to Chapter 20, Section 21. [03/24/16 @1:41 PM]

Items Not Scheduled for Discussion at this meeting:

- #300-16 Ordinance to register lobbyists**
COUNCILORS COTE, NORTON AND HARNEY proposing an ordinance to register lobbyists in the City of Newton. [08/10/16 @ 3:11 AM]
- #301-16 Amendment to the Tree Preservation Ordinance**
COUNCILOR SANGIOLO requesting an amendment to the Tree Preservation Ordinance so that any tree removal requested by a city department be forwarded to the Urban Tree Commission and all tree removal requests under the Tree Preservation Ordinance be posted online to give residents and interested citizens notification. [08/09/16 @10:30 PM]
- #264-16 Ord. requiring Councilor notice of and involvement in street tree waiver requests**
COUNCILORS HESS-MAHAN, NORTON, KALIS, COTE, DANBERG, HARNEY, SANGIOLO, LEARY AND YATES requesting an ordinance requiring that Councilors from each respective ward be given notice and a meaningful opportunity to object to granting a hardship waiver or permit to remove a street tree. [07/21/16 @ 11:40 AM]

Referred to Programs & Services, Public Facilities and Finance Committees

- #175-16 Authorization to enter into a settlement agreement with National Grid.**
HIS HONOR THE MAYOR requesting authorization for the City to enter into a settlement agreement with Boston Gas Company d/b/a National Grid. [04/25/16 @ 6:52 PM]
- #158-16 Ordinance to require notice on gas pumps relative to climate change**
COUNCILORS NORTON AND SANGIOLO requesting an ordinance that requires a notice posted on retail gas station pumps within the City of Newton that informs consumers that burning gasoline contributes to climate change; and a link to a City website page offering information regarding alternatives to gasoline powered transportation, including walking, biking, public transit and electric vehicles. [04/25/16 @ 9:02 AM]
- #56-16 Ordinance amendment to add statutory references to policy on housing practices**
COUNCILOR HESS-MAHAN requesting an amendment to Chapter 12, Section 50(b) *Policy of the city regarding housing practices*, to add statutory references to Title VI of the Civil Rights Act of 1964; the Americans with Disabilities Act; Section 504 of the Rehabilitation Act of 1973; the Age Discrimination Act; and any other applicable state or federal laws that were inadvertently omitted from the current ordinance. [02/08/16 @ 1:51 PM]

#37-16 Resolution to state officials requesting a carbon fee
COUNCILOR NORTON requesting a Resolution to state officials calling for a fee on carbon to curb climate change. [01/22/16 @ 10:34 AM]

#36-16 Resolution to state officials supporting fossil fuel divestment
COUNCILOR NORTON requesting a Resolution to state officials supporting fossil fuel divestment. [01/22/16 @ 10:34 AM]

Referred to Programs & Services and Public Facilities Committees

#27-16 Updates from the Administration on the renovations at the Aquinas site
PROGRAMS & SERVICES AND PUBLIC FACILITIES COMMITTEES requesting that the School Department and/or Executive Department provide updates on removal of asbestos and other toxic materials that were identified at the Aquinas site, the scope and timing of window replacement in particular, and renovations that may be necessary to facilitate short and long-term plans for uses and operations at the site. [01/10/16 @ 1:14 PM]

Referred to Programs & Services and Public Safety & Transportation Committees

#312-15 Update from Health Department on opiate overdose epidemic
ALD. COTE, HARNEY AND NORTON, requesting a review and discussion of the opiate overdose epidemic including an update from the Health Department appraising the board on the current situation to include comparative statistics from previous years as to the number of opiate overdoses handled by first responders. In addition, what is being done immediately to take this on and what support can the Board provide.

Referred to Programs & Services and Public Facilities Committees

#201-15 Discussion of the condition of the Kennard Estate on Dudley Road
ALD. SANGIOLO requesting a discussion with the Commissioner of Public Buildings, the Commissioner of Parks and Recreation, and the Executive Department regarding the condition of the property located at 246 Dudley Road (Kennard Estate) and how much, if any, repairs and upgrades will be needed as the City relocates the Parks and Recreation Department to that location. [09/01/15 @ 4:00 PM]

Referred to Programs & Services and Public Facilities Committees

#141-15 Discussion on tracking the gas utility infrastructure in Newton
ALD. BROUSAL-GLASER, SANGIOLO, HESS-MAHAN, COTE, NORTON AND ALBRIGHT requesting a discussion with *the Director of Urban Forestry*, a representative of the Department of Public Works and a representative of the Law Department about tracking and improving the condition of the gas utility infrastructure in Newton, new state statutes governing infrastructure repairs, coordination of increased repair work with city operations, the status of negotiations with National Grid to

compensate for tree deaths resulting from gas leaks, and the possibility of creating a utilities working group to monitor progress on these and related issues.

05/26/15 @ 2:53 PM]

Referred to Public Facil, Programs & Services and Public Safety & Trans Committees

#46-15 Discussion of parking options and permits at municipal & school parking lots
ALD. JOHNSON & CICCONE, requesting a discussion with the Commissioner of Department of Public Works and the School Department to determine and discuss parking options including use of school properties based on the current municipal parking lot programs including the issuance of permits. [02/11/15 @1:35 PM]

#483-14 Resolution to promote cooperative programs with food establishments
PROGRAMS & SERVICES COMMITTEE proposing a RESOLUTION to promote a cooperative program with food establishments in the City, the Newton-Needham Chamber of Commerce, the Economic Development Commission, the Director of Economic Development and members of the Board of Aldermen, to find opportunities for these establishments to provide their food services for events in the City. [12/02/14 @ 3:56 PM]

#377-14 Discussion of proposed changes of use of the Senior Center
THE PROGRAMS & SERVICES COMMITTEE requesting a discussion with the Director of Senior Services, the Council on Aging and the Executive Department relative to changes in the use of the Senior Center at 345 Walnut Street. [10/16/14 @ 5:43 PM]

REFERRED TO PROGRAMS & SERVICES AND FINANCE COMMITTEES

#216-14 ALD. HESS-MAHAN, ALBRIGHT, BAKER, CROSSLEY, NORTON AND SANGIOLO
 proposing the following amendments to Chapter 12 Health and Human Services of the Revised Ordinances to:

- require owners of dwellings requiring a Certificate of Habitability under Section 12-1 and real estate agents/brokers who receive compensation in connection with the particular real estate transaction to notify the Commissioner of Health and Human Services whenever an apartment, tenement, or room in a lodging house is vacated by the occupant or when an area in an existing building is converted to a condominium prior to being reoccupied by a new tenant, lodger or occupant;
- require educational institutions to disclose addresses of undergraduates living off-campus in Newton;
- require a fee for certification; and
- impose a fine for violation of these provisions. [05/14/14 @11:51 AM]

FINANCE VOTED NO ACTION NECESSARY 7-0 12/14/15

REFERRED TO PROGRAMS & SERVICES AND PUBLIC FACILITIES COMMITTEES

- #119-14 ALD. ALBRIGHT AND CROSSLEY requesting discussion with the Inspectional Services Department to explain the development of short and long term plans to identify and correct buildings, sidewalks, playgrounds, etc., that do not conform to American Disability Act (ADA) standards. The discussion should include information on how improvements will be incorporated into the Capital Improvement Plan or if less than \$75,000 into a comprehensive budget plan to correct ADA deficiencies. [03/12/14 @ 4:18 PM]
- #398-13 ALD. BAKER & DANBERG requesting a discussion of a possible ordinance, regulations or otherwise, to complement zoning regulation of any licensed Registered Marijuana Dispensaries to respond to any secondary impacts so as to make the operation of such dispensaries as successful as possible. [10/28/13 @ 10:00 AM]
- #34-13 ALD. DANBERG, ALBRIGHT, BLAZAR, RICE, LINSKY AND CROSSLEY requesting a prohibition on polystyrene-based disposable food or beverage containers in the City of Newton if that packaging takes place on the premises of food establishments within the City. [01/03/13 @ 11:01 AM]

REFERRED TO FINANCE AND APPROPRIATE COMMITTEES

- #257-12 RECODIFICATION COMMITTEE recommending (1) review of the Fees, Civil Fines/Non-Criminal Disposition contained in Chapter 17 LICENSING AND PERMITS GENERALLY and Chapter 20 CIVIL FINES/NON-CRIMINAL DISPOSITION CIVIL FINES to ensure they are in accordance with what is being charged and (2) review of the acceptance of G.L. c. 40 §22F, accepted on July 9, 2001, which allows certain municipal boards and officers to fix reasonable fees for the issuance of certain licenses, permits, or certificates.
- #229-12 RECODIFICATION COMMITTEE recommending a review and possible amendment to the *Board of Aldermen Rules & Orders 2012-2013* relative to review of draft ordinances by the Law Department.

REFERRED TO PROG & SERV, PUB. FACIL. AND FINANCE COMMITTEES

- #312-10 ALD. LENNON, LAPPIN, SCHNIPPER, SANGIOLO requesting a discussion with the School Committee on its plans to address space needs in the Newton public schools. [10/27/10 @11:07 AM]

Respectfully Submitted,

John B. Rice, Chair



SETTI D. WARREN
MAYOR

City of Newton, Massachusetts
Office of the Mayor

#292-16

Telephone
(617) 796-1100

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(617) 796-1113

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(617) 796-1089

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swarren@newtonma.gov

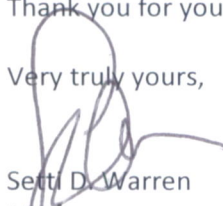
City Council
Newton City Hall
1000 Commonwealth Avenue
Newton, MA 02459

Ladies and Gentlemen:

I am pleased to appoint Elizabeth Dugan of 62 Woodcliff Road, Newton as a commissioner of the Newton Council on Aging. Her term of office shall expire September 15, 2019 and her appointment is subject to your confirmation.

Thank you for your attention to this matter.

Very truly yours,


Setti D. Warren
Mayor

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2016 AUG -4 AM 11:34
DAVID A. OLSEN, CMO
NEWTON, MA 02459

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DEDICATED TO COMMUNITY EXCELLENCE

APPLICATION FOR APPOINTMENT NEWTON COUNCIL ON AGING

Name: **Elizabeth Dugan**

Home Address: **62 Woodcliff Road, Newton MA 02461**

Cell Telephone: **617-216-9046**

Email address: **dugan.elizabeth@gmail.com**

Why are you interested in joining the Council On Aging?

I currently serve on the COA advisory board and enjoy it. I am a professor of gerontology and maintain an active research portfolio on healthy aging and older drivers. Thus, I feel like I am able to contribute insight on some of the issues of concern. Newton is in the process of becoming more age-friendly and I would like to support this effort to make our community a healthy fulfilling place for people of all ages.

Community activities, committees, etc. in which you have participated in the past five years:

Council on Aging Advisory Board; Massachusetts Healthy Aging Collaborative; Massachusetts Dementia Friendly Summit; Massachusetts Older Driver Safety Summit (chair).

Other pertinent information (i.e. education, experience with seniors, legal, medical, financial, etc.):

Most pertinent: I am a professor of gerontology at the University of Massachusetts Boston, and a fellow of the Gerontological Society of America (Behavioral and Social Science Section) and have authored more than 45 peer reviewed articles and a book on aging issues.

May 25, 2016

Date

Signature



Curriculum Vitae

Name Elizabeth (Beth) Dugan, PhD

Address The Gerontology Department
McCormack Graduate School of Policy and Global Studies
The University of Massachusetts Boston
Boston MA 02125
617.287.7382; beth.dugan@umb.edu

Online: <http://scholar.google.com/citations?user=3faODFEAAAAJ&hl=en>
http://www.umb.edu/academics/mgs/faculty/elizabeth_dugan
http://works.bepress.com/elizabeth_dugan/

Research and Academic Positions

1995-1996 Project Manager, Public Health Sciences, Wake Forest University School of Medicine
1996-1997 Research Associate, Public Health Sciences, Wake Forest University School of Medicine
1997-1998 Research Assistant Professor, Public Health Sciences, Wake Forest University School of Medicine
1998-2001 Assistant Professor, Public Health Sciences, Wake Forest University School of Medicine
2001-present Adjunct faculty, Public Health Sciences, Wake Forest University School of Medicine
2001-2004 Senior Research Scientist, Institute on Aging Studies, The New England Research Institutes
2002-2010 Member, Institutional Review Board, The New England Research Institutes Chair (2009-2010)
2004-2008 Assistant Professor, Geriatric Medicine, University of Massachusetts Medical School
2008-2012 Adjunct faculty, Clinical and Population Health Research, UMass Medical School
2009- Associate Professor (tenured 2015), Gerontology, University of Massachusetts Boston
Fellow, Gerontology Institute, University of Massachusetts Boston
2011-2012 Interim Director, Undergraduate Gerontology Program, College of Public & Community Service, The University of Massachusetts Boston
2015- Undergraduate Program Director, Aging & Health Services, McCormack Graduate School of Policy and Global Studies, The University of Massachusetts Boston

Honors

1994 AARP Andrus Foundation Predoctoral Fellowship Awardee
1997 NIA-Brookdale Foundation Summer Institute on Aging Research Fellowship
2000 Invited Visiting Scholar, University of Michigan Center on Aging (4/6/2000)
2001 Member, NIDDK International Research Working Group on Bladder Dysfunction
2003 Fellow, Behavioral and Social Sciences Section of The Gerontological Society of America
2004 Reviewer, ZRG1 BBBP-D (11) NIH SEP: Biobehavioral & Behavioral Processes IRG
2005 Invited Visiting Scholar, University of Hawaii Institute on Aging (1/27/2005)
2005-2007 Reviewer, ZRG1 RPHBB (50) Risk, Prevention & Health Behavior SEP: Health Literacy
2007-2008 University of North Carolina Greensboro HES Alumni Pacesetter Awardee
2008-2010 Medical Advisory Board subcommittee workgroup, National Academies Transportation Research Board Safe Mobility of Older Person Committee
2009-2010 Media spokesperson, Safe Roads Now coalition. Massachusetts coalition to promote evidence-based changes to the laws re older drivers. MA law enacted 9/30/2010.
2011 Invited Participant, White House Office of Public Engagement roundtable about older driver safety with National Highway Traffic Safety Administrator David Strickland (9/16/2011)
2013- Massachusetts Department of Transportation (MassDOT) Older Driver workgroup member. Develop action items for older driver safety for the MA Strategic Highway Safety Plan.
2013- Editorial Board Member, Research on Aging
2014-15 Program chair, Older Driver Safety Summit; MassDOT

EDUCATION

- PhD** The University of North Carolina at Greensboro (1991-1996).
 Human Development & Family Studies. Dissertation: *The Relationship Between Individual Characteristics, Behavioral Motifs, and Interactive Friendship Processes Among Older Relocated Adults*. Dissertation Committee: Vira R. Kivett, Charles F. Longino, Jr., Peggye Dilworth-Anderson, and Rebecca G. Adams. Inducted into Sigma Phi Omega, National Honor Society for Gerontology. UNCG Awards: Greensboro Graduate Scholar (91-93), A NC Agricultural Research Service Assistantship (91), A Graduate Service Appointment (92), The Rebecca M. Smith Scholarship (Outstanding Family Studies Student, '93). Greensboro, North Carolina.
- MA** The University of South Florida (1988-1991).
 Gerontology, specialization in research methodology. Awarded research assistantship and tuition waiver. Thesis: *Loneliness among elderly residents of congregate housing*. Directed by Larry Mullins, Wiley Mangum, & Sue Saxon. Tampa, Florida
- BA** The University of Central Florida (1986-1988).
 Liberal Studies. Summer Abroad (1986): Sierra Leone, West Africa (I worked on a project providing primary health care and health education to residents in a rural village). Orlando, Florida.

MEDIA ACTIVITIES – Older Driver Safety

Good Morning America (11/1/06); Good Morning America satellite radio show (11/3/06); Fox News (11/1/06); 25 city radio tour (November-December 2006); Arizona Republic; Worcester Telegram and Gazette; McLeans magazine; WTAG, Worcester Academically Speaking (2/4/07); Wired, NECN (2/6/07); Aging Services of California, feature article in newsletter (spring 2007) and on website; Boston Globe, Op-Ed The Driving Dilemma (2/13/08); NewsNight, NECN (2/26/08); Column on www.caring.com (2007-present). (June 2009-September 2009) Interviewed about older driver safety and testing laws: Wall Street Journal, US News and World Report, CBS News, Greater Boston, NPR's Here and Now with Robin Young, WBUR news, WBZ-tv and radio news, Fox25, NECN, WHDH 7 News, WCVB, WUMB Commonwealth Journal, the Globe, Patriot Ledger, Eagle Tribune, Associated Press, KCET, LA Times (1/17/2012); NPR Talk of the Nation 10/15/2012. The Boston Globe 6/30/2013 Does your older parent need help?; The Boston Globe May 2015.

POLICY ACTIVITIES – Older Driver Safety

Provided expert testimony to the Massachusetts Legislature (2009, Joint Committee on Public Safety and Homeland Security and the Joint Committee on Transportation); Advise the Medical Affairs Division of the MA Registry of Motor Vehicles (2008-present); Advise Representative Kay Khan on older driver safety (re HB 2332) (2008); Member and Media Spokesperson, AARP Stakeholders group on Older Driver Safety (2/08-present); Member, Medical Advisory Board committee, Transportation Research Board of the National Academies (2008-2010). Played a role in the development and enactment of new laws in MA (2009) and NH (2010) related to senior transportation policy. A research brief derived from research funded by the Borchard Foundation grant (Older Driver Regulations Issue brief) was distributed to all state legislative leaders (e.g., chairs of transportation and elder affairs legislative committees) across the nation (8/2011). Planning team leader, MA Older Driver Safety Summit (see scholarworks.umb.edu/olderdriversafetysummit), (6/16/2015). Briefing Joint Committee on Elder Affairs Co-Chair and Chief of Staff (7/22/2015); testify at hearing of Joint Committee on Elder Affairs (10/13/2015).

MEDIA ACTIVITIES – Healthy Aging

Boston Globe (B1: Aging in Mass: An Uneven Process; 1/24/2014); WBZ morning news (1/24/2014). South Cost Today (New Bedford not a healthy place to grow old; 1/25/2014). The Enterprise New (Study charts health of older adults by community; 1/27/2014). The Lowell Sun (Lowell's older adults lag behind counterparts statewide in physical activity; 2/4/2014). Sentinel & Enterprise News (Report: Mixed health scores for North Central Mass. Seniors; 3/6/2014). Boston Globe (Malnutrition in the elderly story; interview 9/8/2014).

POLICY ACTIVITIES – Healthy Aging

Speaker, Legislative Briefing convened by the Tufts Health Plan Foundation. Presented: Healthy Aging in Massachusetts (5/6/2014, 11:00 am, Members Lounge, MA State House). Participant, White House Conference

on Aging regional event (Boston, 5/28/2015).

SCHOLARSHIP/PUBLICATIONS

Books

Dugan E. *The Driving Dilemma: The Complete Resource Guide for Older Drivers and Their Families*; (2006; NY:Collins. ISBN: 0061142182).

Peer-reviewed Journal Articles (*denotes article written with graduate student or mentee)

1. Mullins LC & **Dugan E.** (1990) The influence of depression, and family and friendship relations, on residents' loneliness in congregate housing. *The Gerontologist*, 30(3), 377-384.
2. Mullins LC & **Dugan E.** (1991) Elderly social relationships with adult children and close friends, and depression. *Journal of Social Behavior and Personality*, 6(2), 315-328.
3. **Dugan E** & Kivett, VR. (1994) The importance of social and emotional isolation to loneliness among very old rural adults. *The Gerontologist*, 34(3), 340-346.
4. McBee W, Dailey M, **Dugan E.** & Shumaker S. (1997) The Role of Hormone Replacement Therapy in the Treatment of Dementias. *North American Clinics of Endocrinology/Metabolism: Menopause*, 26(2), 329-345.
5. Robinson D, Pearce KF, Preisser JS, **Dugan E.** Suggs PK & Cohen SJ. (1998) Relationship Between Patient Reports of Urinary Incontinence Symptoms and Quality of Life Measures. *Obstetrics and Gynecology*, 91(2) 224-228.
6. **Dugan E.** Cohen SJ, Robinson D, Anderson R, Preisser J, Suggs P, Pearce K, Poehling U & McGann, P. (1998) The Quality of Life of Older Adults With Urinary Incontinence: Determining Generic and Condition Specific Predictors. *Quality of Life Research*, 7, 337-344.
7. **Dugan E** & Kivett VR. (1998) Implementing the Adams & Blieszner Conceptual Model: Predicting Interactive Friendship Processes Of Older Adults. *Journal of Social and Personal Relationships*, 15(5), 607-622
8. Cohen SJ, Robinson D, **Dugan E.** Howard G, Suggs P, Pearce K, Carroll D, McGann P & Preisser, J. (1999) Communication between older adults and their physicians about urinary incontinence. *J of Gerontology: Medical Sciences*, 54A, M34-37.
9. **Dugan E** Cohen SJ Preisser J Davis C Robinson D Suggs PK & McGann. (2000) The association of urinary incontinence and depressive symptoms among older adults. *Journal of the American Geriatrics Society*, 48:413-416.
10. Hall M Kidd KE **Dugan E.** (2000) Disclosure of Physician Incentives: Do practices satisfy purposes? *Health Affairs*, July/Aug; 19(4)156-64.
11. Everard, K.M., Teaster, P., & **Dugan, E.** (2000) Surviving your graduate gerontology education and entering the job market. *Educational Gerontology*, 26:285-299.
12. Shumaker SA, **Dugan E.** & Bowen DJ. (2000) Enhancing adherence in long-term clinical trials. *Controlled Clinical Trials*, Oct;21(5 Suppl):S226-32.
13. Wilcox, S., Shumaker, S.A., Bowen, D.J., Naughton, M.J., Rosal, M.C., Ludlam, S.E., **Dugan, E.**, Hunt, J.R., & Stevens, S. (2001) Promoting adherence and retention to clinical trials in special populations: A Women's Health Initiative workshop. *Controlled Clinical Trials*, 22 (3), 279-289.
14. **Dugan, E.** *Roberts C, Cohen SJ, Preisser, Davis C, Bland DR, Alberston E. (2001) Why older community dwelling adults do not discuss urinary incontinence with primary care providers. *Journal of the American Geriatrics Society*, 49:462-465l.
15. Hall M **Dugan E** Zheng B Mishra A. (2001) Trust in physicians and medical institutions: what is it, can it be measured, and does it matter? *Milbank Quarterly*, 79(4):613-39,
16. Zheng B Hall MA **Dugan E** Kidd KE Levine D. (2002) Development of a scale to measure patients' trust in health insurers. *Health Services Research*, 37(1):187-202.
17. Hall M **Dugan E** Balkrishnan R Bradley D. (2002) How disclosing HMO physician incentives affects trust. *Health Affairs*, 21(2): 197-206.
18. Hall M Zheng B **Dugan E** Camacho F Kidd K Mishra A Balkrishnan R. (2002) Measuring patients' trust in their primary care physician. *Medical Care Research and Review*, September;59(3):293-318.
19. Hall MA Camacho F **Dugan E** Balkrishnan R. (2002) Trust in the medical profession: conceptual and

- measurement issues. *Health Services Research*, 37(5):1419-39.
20. Peschers UM Du Mont J Jundt K Pfuertner M **Dugan E** Kindermann G. (2003) Prevalence of sexual abuse among women seeking gynecologic care in germany. *Obstetrics & Gynecology*, 101(1):103-108.
 21. Rapp S Espeland M Hogan P Jones B and **E Dugan** for the WHIMS investigators. (2003) Baseline experience with the Modified Mini Mental State Exam: The Women's Health Initiative Memory Study (WHIMS). *Aging & Mental Health*, 7(3):217-223.
 22. **Dugan E** Bonds D. (2002-2003) Explaining the lack of communication about falls and the fear of falling. *Generations*, 26(4):48-52.
 23. Bland DR, **Dugan E**, Cohen SJ, Preisser J, Davis CC, McGann PE, Suggs PK, Pearce KF. (2003) The Effects of Implementation of the Agency for Health Care Policy and Research Urinary Incontinence Guidelines in Primary Care Practices. *Journal of the American Geriatrics Society*. Jul;51(7):979-984.
 24. Balkrishnan R **Dugan E** Comacho FT Hall MA. (2003) Trust and satisfaction with physicians, insurers, and the medical profession. *Medical Care*, 41(9) 1058-1064.
 25. Harper M Espeland M **Dugan E** Meyer R Lane K Williams SW. (2004) Racial disparity in pregnancy-related mortality following a live birth outcome. *Annals of Epidemiology* Apr;14(4):274-279.
 26. Bonds D Foley KL **Dugan E** Hall MA Extrum P. (2004) Patient, physician, institutional characteristics predictive of patient trust in a disadvantaged sample. *Journal of Health Care for the Poor and Underserved*;15:294-306.
 27. Trachtenberg F **Dugan E** Hall MA. (2005) Factors affecting patients' preferred role in medical decision making. *Journal of Family Practice*. Apr;54(4):344-52.
 28. **Dugan E** Trachtenberg F Hall MA. (2005) Development of abbreviated measures to assess patient trust in a physician, a health insurer, and the medical profession. *BMC Health Services Research*. Oct 3;5:64.
 29. Hall M Trachtenberg F **Dugan E**. (2005) The impact on patient trust of legalising physician aid in dying. *Journal of Medical Ethics*. Dec;31(12):693-7.
 30. Harper MA, **Dugan E**, Espeland MA, Martinez-Borges A, *McQuellon C. (2007) Why African American Women are at Greater Risk for Pregnancy-Related Death. *Annals of Epidemiology*;17:180-185.
 31. Goldstein RB **Dugan E** Trachtenberg F Peli E. (2007) The impact of a video intervention on the use of low vision assistive devices. *Optometry and Vision Science*;84(3):208-17.
 32. Mazor KM Baril J **Dugan E** Spencer F Burgwinkle P Gurwitz J. (2007) Patient education about anticoagulant medication: Is narrative evidence or statistical evidence more effective? *Patient Education and Counseling*; Dec;69(1-3):145-57.
 33. Althabe F Buekens P Bergel E et al. (2008) A behavioral intervention to improve obstetrical care. *New England Journal of Medicine*, May 1;358(18):1929-40.
 34. Dembe AE **Dugan E** Mutschler P Piktalias D. Employer perceptions of elder care assistance programs. *Journal of Workplace Behavioral Health*, 2009; 23(4):359-379.
 35. Dembe A, Patridge J, **Dugan E**, Muschler P, Pitkalis D. (2011) Employees' Use of Employer-Sponsored Elder-Care Programs. *Intl Journal of Workplace Health Management*; 4(3)
<http://dx.doi.org/10.1108/17538351111172581>.
 36. *Coyle, C. E., & **Dugan, E**. (2012). Social isolation, loneliness and health among older adults. *Journal of Aging and Health*, 24(8), 1346-1363.
 37. **Dugan E**, *Barton K, *Coyle C. & *Lee C. State Policy Approaches to Improving Older Driver Safety: What Works? *Journal of Aging & Social Policy*, 2013; 25(4) 335-352.
 38. **Dugan, E.**, & *Lee, C. M. (2013). Biopsychosocial Risk Factors for Driving Cessation Findings From the Health and Retirement Study. *Journal of Aging and Health*, 0898264313503493.
 39. *Turk K & **Dugan E**. (2014) Research Brief: A Literature Review of Frontotemporal Dementia and Driving. *American Journal of Alzheimer's Disease and Other Dementias*. Published online 9 January 2014 DOI: 10.1177/1533317513518656
 40. *Lyu J, *Lee CM & **Dugan E**. (2014). Risk Factors Related to Cognitive Functioning: A Cross-National Comparison of US and Korean Older Adults. *The International Journal of Aging and Human Development*, 79(1), 81-101.
 41. *Lee HJ & **Dugan E**. (2015) How Large is the Gap between Self-Report and Assessed Mental Health and Does it Impact Older Adult Mental Health Service Utilization? *Journal of Gerontological Social Work*, Vol. 58, Iss. 1, 2015. DOI: 10.1080/01634372.2014.919978
 42. *Ronneberg CR, Miller EA, **Dugan E** & Porell F. (2014) The Protective Effects of Religiosity on Depression: A 2-year Prospective Study. *The Gerontologist*; doi: 10.1093/geront/gnu073

43. *Gabois E & **Dugan E.** (2014) The Relationship Between the Big Five Personality Factors and Driving Status in Late-Life Personality and Driving: Findings from the HRS. *Journal of Aging and Health*. February 2015 vol. 27 no. 1 54-74, doi: 10.1177/0898264314535806
44. Vaughan, L., Hogan, P. E., Rapp, S. R., **Dugan, E.**, Marottoli, R. A., Snively, B. M., Shumaker, S. A. and Sink, K. M. (2015), Driving with Mild Cognitive Impairment or Dementia: Cognitive Test Performance and Proxy Report of Daily Life Function in Older Women. *Journal of the American Geriatrics Society*. doi: 10.1111/jgs.13634.
45. * Porter, K. E., Brennan-Ing, M., Burr, J. A., **Dugan, E.**, & Karpiak, S. E. (2015). Stigma and Psychological Well-being Among Older Adults With HIV: The Impact of Spirituality and Integrative Health Approaches. *The Gerontologist*, gnv128.

Book Chapters & Miscellaneous Publications

46. **Dugan E** & Cohen SJ. Changing Physician Behavior to Increase Guideline Implementation. In S.A. Shumaker, E. Schron, J. Ockene & W. McBee-Exum (Eds.), Handbook for Health Behavior Change, 2nd ed, 1998. NY: Springer.
47. **Dugan E.** Gender. *The Encyclopedia of Aging*, 4th Edition (Eds.: Richard Schulz, PhD; Linda Noelker, PhD; Kenneth Rockwood, MD, FRCPC; Richard Sprott, PhD; March, 2006; Springer Publishing).
48. **Dugan E.** Women: Changing Status. *The Encyclopedia of Aging*, 4th Edition (Eds.: Richard Schulz, PhD; Linda Noelker, PhD; Kenneth Rockwood, MD, FRCPC; Richard Sprott, PhD; March, 2006; Springer Publishing).
49. Dugan E. The Driving Dilemma. Op-Ed, *The Boston Globe*, 2/13/08.
50. **Dugan E**, *Dodd K, Ellis SE. The Challenges of Changing Clinical Behavior: Implementation of Clinical Practice Guidelines to Improve Primary Care Practice. In Shumaker, Ockene & Riekert (Eds.) The Handbook for Health Behavior Change, 3rd edition (2008). NY: Springer.
51. **Dugan E**, Porell F, Silverstein N, *Lee CM, *Turk K, *Gaines B & *Chae JS. A Report of Healthy Aging Indicators in Massachusetts, (2014). MA: Tufts Health Plan Foundation Press.
52. Palombo R & **Dugan E**. Understand and Use Your Community Profile! Massachusetts Councils on Aging Focal Points Newsletter. June 2014.
53. **Dugan E**, Porell F, Silverstein NM, Palombo R, Lee CM, Mann S. Promoting Healthy Aging in Your Community: the Massachusetts Model. Published Proceedings of the 6th International Social & Applied Gerontology Symposium. Oct 2014: Antalya, Turkey.
54. **Dugan E**, Porell F, Silverstein NM. Highlights from the Massachusetts Healthy Aging Data Report: Community Profiles (2015). MA: Tufts Health Plan Foundation Press.

Articles under review, in revision, or in development

- *Quach L Driver J Cho K **Dugan E** & Gagnon D. Mortality and Comorbidity among Centenarians in the National Veteran Administration Health Care System from 1997-2012. (under review).
- Dugan E** Porell F Silverstein NM *Lee HJ Palombo R *Lee CM *Chae JS *Gaines B *Lee HJ *Turk K. Reporting Healthy Aging Indicators for Massachusetts cities and towns.
- Porell F, **Dugan E**, Silverstein NM. Racial disparities in healthy aging in Massachusetts. (in development).
- Porell F, **Dugan E**, Silverstein NM. Population healthy aging in Massachusetts. (in development)
- *Chen EE Miller EA **Dugan E** Porell F. A Longitudinal Analysis of Site of Death: The Effects of Continuous Enrollment in Medicare Advantage vs. Conventional Medicare. (under review)

RESEARCH FUNDING

Funded

1. **Principal Investigator.** Healthy Aging in Rhode Island. Grant from the Tufts Health Plan Foundation (1/1/2015-12/31/2016) \$325,000.
2. Expert Consultant - the Southeast Regional Center of the Women's Health Initiative (7/1/2011-12/31/2015). Develop manuscripts, ancillary study proposals, participate in scientific interest groups.
3. **Principal Investigator.** Center for Disability Research, Liberty Mutual Research Institute (11/1/2014-10/31/2015) \$25,000.
4. **Principal Investigator.** Center for Disability Research, Liberty Mutual Research Institute (11/1/2015-

10/31/2016) \$25,000.

5. Co-Investigator. Safety and Mobility in a Large Cohort of Older Women Drivers. Yale Pilot Projects (1 years, \$10,000.00).
6. Co-Principal Investigator. Harvard Pilgrim Health Plan Foundation sponsorship of Older Driver Safety Summit (2015, \$15,000).
7. **Principal Investigator.** Tufts Health Plan Foundation sponsorship of the Older Driver Safety Summit (2015, \$10,000).
8. **Principal Investigator.** Ford Motor Co. sponsorship of Older Driver Safety Summit (2015, \$10,000).
9. **Principal Investigator.** RTI International, Performance Measure Development and Implementation Program (9/1/2015-5/14/2016) \$17,000.

Grant applications under review, in revision, or in development

Dugan, E. (Subcontract PI). Women's Driving and Mobility Study. Ancillary to the Women's Health Initiative Memory Study. Pilot study completed and application in revision for a 2016 resubmission to NIA.

Completed

1. **Principal Investigator.** "Determining risk factors for adverse driving events involving older drivers in Massachusetts" Joseph P. Healey Research Grant Program (7/1/2014-6/30/2015) \$7,500.00.
2. **Principal Investigator.** Year 2 of the Healthy Aging Status Report. Tufts Health Plan Foundation. 3/1/2014-2/28/2015. \$114,405. This is the second year of research to advance healthy aging in Massachusetts. We developed and reported indicators in Year 1 (see mahealthyagingcollaborative.org). This year we are extending the project to conduct multivariate analyses of health indicators and to provide technical support to communities.
3. **Principal Investigator.** Healthy Aging Status Report: Year 1. Tufts Health Plan Foundation. 9/4/2012-8/31/2013. \$96,504. This project developed and disseminated healthy aging indicators for Massachusetts and conducted an environmental scan of programs across the state.
4. **Principal Investigator.** Develop strategic plan for a Senior Mobility Research Center. Beverly Foundation (2012). \$5,500.
5. **Principal Investigator.** Grant, Effective State Policies for Older Driver Safety, Borchard Foundation Center for Law and Aging. This project conducted a systematic review of the literature to identify effective state policies related to older driver safety. Then prepared a brief on the issue for 235 state legislators across the U.S. holding leadership roles on state transportation/safety committees. \$20,000.00, (January 1, 2010 - June 30, 2011).
6. **Principal Investigator.** Investigating Psychosocial Factors Contributing To Successful Cancer Risk Management. Meyers Primary Care Institute small grant \$14,000 12/1/05-11/15/07.
7. **Principal Investigator** (subcontract to Ohio State University): A Study of Employer-Sponsored Elder Care Programs. This is the first nationwide evaluation of the impact of employer sponsored eldercare programs. \$25,018 10/1/06-9/30/08.
8. Investigator and Project Director. UMASS Interdisciplinary Geriatric Healthcare Research Center. Rand/Hartford Foundation, \$200,000 (+\$200,000 institutional match) 10/07-10/09.
9. **Principal Investigator.** Enhancing Mental Health Care and Services For Older Adults in Massachusetts. Commonwealth of Massachusetts, \$302,173 4/1/07-3/31/09.
10. **Principal Investigator:** Communicating with Older Drivers: A Web-based Course. The project developed an outline and one module of an educational program (cme-accredited) for primary care physicians about talking to their older patients about driving safety decisions. NIA (1R43AG023366-01) \$100,000 2/15/04-1/31/05.
11. **Principal Investigator,** Food for life: Healthier meals elders can live with. This study evaluated a workshop to promote healthy eating in older adults. The video produced for the workshop was a finalist for a 2003 Telly Award. AG18201-02; 09/30/2001 - 07/31/2004. \$452,061.
12. **Principal Investigator,** Communicating with older adults: A CD-ROM. This study evaluated the impact of a CME-accredited program on physician-older patient communication. AG015248-03; \$411,038 6/1/00-5/31/02.
13. **Principal Investigator,** Enhanced video for older adults with low vision. This study developed and evaluated a video for adults with low vision (macular degeneration) to determine if patient self-efficacy and

- use of assistive devices can be enhanced. The video won a 2003 Telly Award. Finalist, 2003 International Health & Medical Media Awards (Health Education category). EY012443-02; \$401,038 6/1/00-2/28/04.
14. Consultant and Co-Investigator, Global network for maternal and child health. This project built research capacity with Latin American partners (PAHO) and implemented a practice improvement project to reduce the number of episiotomies and increase the active management of 3rd stage of labor in targeted public hospitals in Argentina and Uruguay. NICHD/Gates Foundation, PI: Pierre Buekens, MD, Tulane University. 2/1/01-6/30/06.
 15. **Principal Investigator**, The impact of biofeedback-assisted behavioral therapy in the treatment of urge or mixed urinary incontinence in older women. This RCT pilot study tested our recruitment and intervention protocols and compared the effectiveness of 3 and 6 biofeedback sessions in the treatment of urge or mixed urinary incontinence. AHCPR, R03 HS10663-01 7/01/00-12/31/01: \$69,476.
 16. Co-Investigator, Racial disparity in pregnancy-related mortality. This study identified factors associated with racial differences in maternal mortality and prenatal pathways that contribute to it. ATMP/CDC, PI: Margaret Harper, MD. \$198,306. 11/00/00-10/31/03.
 17. **Principal Investigator**, A Health Guide to optimize the health of Hispanic women. This outreach project was designed to facilitate the navigation of the healthcare system for local Latino women. Office of Research on Women's Health, Dept of Health and Human Services. 5/99-4/00: \$74,000.
 18. Co-Principal Investigator, Quality of life in bladder cancer survivors. We studied quality of life outcomes in bladder cancer survivors. American Cancer Society. PI: Liz Albertson, MD. \$15,000
 19. Co-Investigator and Project Director, Patient trust and Managed Care: The effects of disclosing financial incentives. This study developed scales to measure trust in a physician, the medical system, and insurers. The impact of disclosing HMO financial incentives on patient trust was determined. Robert Wood Johnson Foundation, 1998-2001: \$470,343. Mark Hall, J.D., PI.
 20. Co-Investigator, 1996-2002, "Women's Health Initiative Memory Study". An ancillary to the Women's Health Initiative, this RCT seeks to determine if hormone replacement therapy will prevent or delay the onset of dementia. Wyeth-Ayerst Laboratories, Inc. SA Shumaker, Ph.D., PI.
 21. Co-Investigator, 1997-2007, Clinical Facilitating Center Performance Monitoring Committee of the Women's Health Initiative. the WHI has 3 RCT to determine the effect of hormone replacement therapy, dietary modification, and vitamin D and Calcium supplementation on the health of older women. Funded by the National Heart, Lung and Blood Institute. SA Shumaker, Ph.D. PI. Study leadership responsibilities: Aging Issues Task Force (98-99), Special Populations (99-07), Behavioral Advisory Committee (99-07).
 22. Co-Investigator, 1995-2002, Medical Outcomes and Social Sciences (MOSS) Core of the Claude D. Pepper Older Americans Independence Center. Wake Forest University. NIA: W Ettinger MD MBA; then M Pahor, MD, PI.
 23. **Principal Investigator**, A Health Guide to optimize the health of older adults. This study evaluated an intervention to promote communication between older adults and their primary care provider. NIA, 9/98-10/99, \$99,654.
 24. Project Manager, 1995-1998, "Evaluating AHCPR Urinary Incontinence Guideline Usage". This RCT determined the impact of clinical guideline implementation on patient health outcomes and satisfaction with care. Funded by the Agency for Health Care Policy & Research, #HS 08716 SJ Cohen, Ed.D., PI.
 25. Co-Investigator, 1996-1997, "Passport to Health Care". Pilot study funded by the Claude D. Pepper Older Americans' Independence Center (NIA) SJ Cohen, Ed.D., PI.
 26. Project Director, 1993-1994, "The Family Supports of Older Rural Migrants in NC". Funded by The AARP Andrus Foundation. VR Kivett, Ph.D., PI.
 27. **Principal Investigator**, 1993, A needs assessment survey of elderly residents in subsidized housing." (Aldersgate Apartments) Weaver Realty Corporation, Greensboro, NC. \$1,500.

PROFESSIONAL ACTIVITY

INVITED LECTURES (selected)

- Dugan E. Interventions To Improve The Health Care Provided To Older Adults: Bridging The Gap Between Theory And Everyday Practice. Invited lecture: California Medical Review, Inc., 8/96; San Francisco, CA.
- Dugan E. The Women's Health Initiative Memory Study: Aging, Women & Hormone Replacement Therapy. Plenary presentation at the NC Neuroscience Society Conference, 5/97; Duke University. Durham, NC.
- Dugan E. Perspectives in behavioral and social sciences research. Society-sponsored preconference at the 50th

- Annual meeting of the Gerontological Society of America. Cincinnati, OH. The Gerontologist, 1997;S37 (2), xiv.
- Dugan E. Helping sufferers cope: The quality of life for people with bladder control problems. Invited lecture: Pharmacia Latin America Media Seminar, "Understanding bladder control: Myths and facts". Coral Gables, FL 5/15/98.
- Dugan E. Patient Trust: What is it? Can it be measured? Does it matter? Invited lecture: Institute on Gerontology. University of Michigan. Ann Arbor, MI 4/6/00.
- Dugan, E. The impact of legalized physician aid in death on patient trust. U of Hawaii Center on Aging, Honolulu, HI. 1/27/2005.
- Dugan, E. The Driving Dilemma: Guiding Older Drivers and Their Families. UNCG, 1/25/07.
- Dugan, E. Assessing & Counseling Older Drivers & Their Families. Wake Forest University School of Medicine, 1/23/07.
- Dugan, E. The Driving Dilemma: Guiding Older Drivers and Their Families. The Institute on Aging, Portland State University, Portland OR, 3/22/07.
- Dugan, E. More than 35 lectures to local council on aging, senior centers, Alzheimer's association events, and assisted living facilities (2009-present).
- Dugan, E. Older Driver Safety. The 2011 Fall Conference on Aging, Philadelphia Corporation for Aging (9/19).
- Dugan, E. Older Driver Research in WHI. 2011 Southeast Regional Annual Conference, The Women's Health Initiative Investigators meeting. Winston Salem, NC. (9/26-27/2011)
- Dugan, E. The Driving Dilemma: How to Recognize Problems, Start Difficulty Conversations, and Access Alternatives. Geriatric Grand Rounds, Massachusetts General Hospital, 2/14/2012.
- Dugan, E. Massachusetts Healthy Aging Data Report: Community Profiles 2014. Healthy Aging in the Commonwealth: Charting a Path Forward. 1/24/2014 (https://www.youtube.com/watch?v=XK_6l9cblx0)
- Dugan, E. Understanding and Using the 2014 Massachusetts Healthy Aging Report. Keynote: Mass Council on Aging regional meeting, Milford MA 4/11/2014.
- Dugan, E. Massachusetts Healthy Aging Report. Keynote: Nashoba Network monthly meeting, Groton MA 5/20/2014.
- Dugan, E. Massachusetts Healthy Aging Report. Massachusetts Gerontology Association meeting, University of Massachusetts Boston. 5/22/2014.
- Dugan, E. Healthy Aging in Newton. Panel discussion at Newton Public Library. 9/8/2014.
- Dugan, E. Older Driver Safety is Attainable. MA Older Driver Safety Summit (<https://youtu.be/2KSm8mJaiA>). Boston, MA 6/17/2015.

PUBLISHED ABSTRACTS (selected from more than 140)

- Dugan E. Words From The Wise: Distinguished Gerontologists Reflect on the Past and Future of Gerontology. Symposium Chair. The Gerontologist, 1993;S33, 74. New Orleans, LA.
- Dugan E. The Future Roles of Women in Gerontology. In, A Celebration: The Foremothers of Gerontology - From The Past To The Future. A BSS Section Historical Symposium at the 48th Annual Scientific Meeting of the Gerontological Society of America. The Gerontologist, 1995;S35, 447. Los Angeles, CA.
- Cohen SJ, Dugan E, Preisser J, Davis C, Robinson D. Interventions to change primary care physicians' detection and management of older adults' urinary incontinence. J of Gen Int Medicine, 1998;13 (S1), 34.
- Dugan E Shumaker SA Melton B Rapp S. Dementia, quality of life & hormone replacement therapy. Neurobiology of Aging, 1998;19(4S), S95.
- Hall MA Dugan E Zheng B Levine D. Patient trust in a primary care physician: what is it and can it be reliably measured? Journal of General Internal Medicine, 2000;15(1:Supplement);69.
- Dugan E Tennstedt S Freund KM. Communicating with older adults: A cd-rom. Journal of General Internal Medicine, 2002;17(1:Supplement);92;152.
- Dugan E, Hall M, Trachtenberg F. The impact on patient trust of legalizing physician aid in dying. 57th Annual Scientific Meeting of the Gerontological Society of America, 2004.
- Dugan E (Symposium Chair) Using Imagination to Translate Gerontological Research: Writing Books for a Lay Audience. 59th Annual Scientific Meeting of the Gerontological Society of America, 2006.
- Dugan E; *Barton K; *Coyle C; *Lee CM. State Policies to Enhance Older Driver Safety: A Systematic Review. Poster presented at the 65th Annual Scientific Meeting of the GSA. San Diego, CA: 11/14-11/18/2012.
- *Lee CM; Dugan E. Fatal Accidents Described by Age, Gender, and Physical Environments in California, 2010.

- Poster presented at the 65th Annual Scientific Meeting of the GSA. San Diego, CA: 11/14-11/18/2012.
- *Barton K; Dugan E. Meso- and Macro-Level Social Predictors of Driving Behavior among Older Adults. Poster presented at the 65th Annual Scientific Meeting of the Gerontological Society of America. San Diego, CA: 11/14-11/18/2012.
- *Turk K; *Wang S; Dugan E. Frontotemporal Dementia and Driving: A Literature Review. Poster presented at the 65th Annual Scientific Meeting of the GSA. San Diego, CA: 11/14-11/18/2012.
- *Devine MF; Dugan E. Depressive Symptoms, Alcohol Intake, and Driving: Findings from the HRS. Poster presented at the 65th Annual Scientific Meeting of the Gerontological Society of America. San Diego, CA: 11/14-11/18/2012.
- *Wang S; *Lee CM; *Turk K; *Richardson LM; Dugan E. Who Keeps Driving & How Common Are Psychiatric Disturbances? Findings from the ADAMS Study. Poster presented at the 65th Annual Scientific Meeting of the Gerontological Society of America. San Diego, CA: 11/14-11/18/2012.
- *Lee HJ; *Yang MS; Dugan E. Mental Health Service Needs & Use of Depressed Older Adults: The Role of Acculturation. Poster presented at the 65th Annual Scientific Meeting of the GSA. San Diego, CA: 11/14-11/18/2012.
- *Huffman-Oh P; *Lee CM; *Quach L; *Xie N; Dugan E. Uninsured Older Adults: Predictors of Elevated Rates in 50 States and DC. Poster presented at the 65th Annual Scientific Meeting of the GSA. San Diego, CA: 11/14-11/18/2012.
- *Nguyen M; *Wang S; *Quach L; Dugan E. Health Care Utilization and Language Preferences Among Older Asians in California. Poster presented at the 65th Annual Scientific Meeting of the GSA. San Diego, CA: 11/14-11/18/2012.
- *Yang MA; Agrigoroaei S; *Huffman-Oh P; Dugan E. The Association between Racial Preference and Cognitive Performance in Mid and Late Life. Poster presented at the 65th Annual Scientific Meeting of the Gerontological Society of America. San Diego, CA: 11/14-11/18/2012.
- *Quach L; *Lee HJ; Leveille SG; Hannan MT; *Nguyen M; Dugan E. Race, Gender and Disability: California Health Interview Survey in 2005. Poster presented at the 65th Annual Scientific Meeting of the Gerontological Society of America. San Diego, CA: 11/14-11/18/2012.
- *Wang S; *Xu P; *Lee HJ; *Huffman-Oh P; Dugan E. Acculturation and Unhealthy Behaviors Among Older Asians: Findings from the CHIS Study. Presented at the 65th Annual Scientific Meeting of the GSA. San Diego, CA: 11/14-11/18/2012.
- *Xie N; Dugan E. The Impact of Geographic Proximity of Children on Life Satisfaction Among Aging Parents. Poster presented at the 65th Annual Scientific Meeting of the GSA. San Diego, CA: 11/14-11/18/2012.
- *Haimowitz B; Dugan E. The Association of Socioeconomic Status and Loneliness among Older Adults. Poster presented at the 65th Annual Scientific Meeting of the GSA. San Diego, CA: 11/14-11/18/2012.
- *Lyu J, *Lee CM & Dugan E. A Comparative Study of Factors Related to Cognitive Function. Poster presented at the IAGG 2013 Scientific Program, Seoul South Korea, 6/24/-6/27/2013.
- *Lee HJ & Dugan E. The effects of perceived need and actual mental health status. Poster presented at the IAGG 2013 Scientific Program, Seoul South Korea, 6/24/-6/27/2013.
- *Lee CM & Dugan E. Fatal accidents in California in 2010. Poster presented at the IAGG 2013 Scientific Program, Seoul South Korea, 6/24/-6/27/2013.
- Dugan E & *Lee CM. Risk Factors for Driving Cessation in Older Black Americans: Findings from the Health and Retirement Study. Presented at GSA 2014.
- *Lee CM & Dugan E. Risk Factors for Driving Cessation in Older Hispanics: Findings from the Health and Retirement Study. Presented at GSA 2014.
- *Turk K & Dugan E. Parkinson's Disease and Lewy Body Dementia and Driving: A Review of the Literature. Presented at GSA 2014.
- Dugan E, Porell F, Silverstein N, *Lee CM, *Chae JS, *Turk K, *Gaines B, Palombo R, Mann S. Findings from the Massachusetts Healthy Aging Data Report. Presented at GSA 2014.
- *Ronneberg C, Miller E, Porell F, Dugan E. The Protective Effects of Religiosity on Depression: A 2-year Prospective Study. Presented at GSA 2014.
- *Chen E, Porell F, Miller E, Dugan E. Does enrollment in capitated health plans predict location of death? Presented at GSA 2014.
- *Kim B, Porell F, Burr J, Dugan E. Volunteer Activity and Self-rated Health of Older Adults: the More the Better? Presented at GSA 2014.
- *Kim B, *Gaines B, *Somerville C, Dugan E. Life Satisfaction and Volunteering among Older Whites and

Hispanics: Findings from the HRS. Presented at GSA 2014.

- *Livingstone I, *Lee CM, *Thapa S, *Somerville C, *Chae JS, Dugan E. Describing Very Old Adults with Very High Physical Activity Levels: Findings from the Health and Retirement Study. Presented at GSA 2014.
- *Chae JS, Dugan E, *Gaines B, *Xu P, *Livingstone I. Depression and Household Wealth among Older Hispanic Americans. Presented at GSA 2014.
- *Thapa S, *Lee CM, *Livingstone I, *Kafle DR, *Nawai A, Dugan, E. Factors Associated with Physical Activity among African American with Heart Disease. Presented at GSA 2014.
- *Gaines B, *Kim B, *Chae JS, *Thapa S, Dugan E. Psychological Factors and Urban/Suburban/Rural Health Differences: Findings from the HRS. Presented at GSA 2014.
- *Somerville C, *Lee CM, *Livingstone I, *Kafle DR, *Quach L, Dugan E. Social Engagement of the Oldest-Old: Findings from the 2010 Health and Retirement Study. Presented at GSA 2014.
- *Quach L, Driver J, Cho K, Dugan E, Gagnon DR. Mortality and Comorbidity among Centenarians in the Veterans Administration Health Care System during 1997-2012. Presented at GSA 2014.
- *Lindemer A, Dugan E, *Xu P. Older Adults' Financial Planning Behavior: Does Personality Matter? Presented at GSA 2014.
- *Kafle DR, *Quach L, Dugan E, *Kittle K, *Thapa S. Are Living Arrangements Associated with Fall-injuries among Older Adults? Presented at GSA 2014.
- *Xu P, Dugan E, *Kim B, *Thapa S. How is engaging in productive activities associated with depression among older adults with cancer? Presented at GSA 2014.
- *Quach L, *Lee HJ, Dugan E. The intersection of race, gender, and disability: Findings from the US Health and Retirement Study. IAGG Asia/Oceania 2015 Congress. Chiang Mai, Thailand 10/22/2015.
- *Lien Quach; Elizabeth Dugan; Jeffrey A. Burr. The Relationship between Chronic Health Conditions and Falls: Do Social Factors Mediate this Relationship among Community-Dwelling Older Adults? Accepted for presentation at GSA 2015.
- *Chae Man Lee; Elizabeth Dugan. Individual, Vehicle, Environment Factors for Car Accident resulting in Driver's Injury among Older Driver age 65 and older from Massachusetts Department of Transportation Crash Data 2009 to 2013. Accepted for presentation at GSA 2015.
- *Megan Staley; *Chae Man Lee; *Molly Evans; *Mei Chen; *Deepak R. Kafle; Elizabeth Dugan. The Association of Optimism and Cognitive Function in Older Adults: Findings from the Health and Retirement Study. Accepted for presentation at GSA 2015.
- *Molly Evans; *Chae Man Lee; *Yi Jung Kim; *Megan Staley; *Ian Livingstone; Elizabeth Dugan. Religiosity and Optimism in Older Adults: Findings from the Health and Retirement Study. Accepted for presentation at GSA 2015.
- Elizabeth Dugan; Frank W. Porell; Nina M. Silverstein; *Chae Man Lee; *Brittany Gaines; *Hyo Jung Lee; *Mei Chen; Ruth Palumbo. Findings From the 2015 Massachusetts Healthy Aging Data Report. Accepted for presentation at GSA 2015.
- *Bryceton T. Proctor; *Chae Man Lee; *Yang Li; *Krystal R. Kittle; Elizabeth Dugan. Medical Costs and Credit Card Debt in Older Adults: Findings from the Health and Retirement Study. Accepted for presentation at GSA 2015.
- *Haowei Wang; *Chae Man Lee; *Myeong Sook Hwang; *Maryam Khanyan; Elizabeth Dugan. The Association of Childhood Health and Depression in Older Adults: Evidence From Health and Retirement Study. Accepted for presentation at GSA 2015.
- *Myeong Sook Hwang; *Chae Man Lee; *Haowei Wang; Elizabeth Dugan. The Relationship Between Trauma in Childhood and Depression in Late Life. Accepted for presentation at GSA 2015.
- *Mei Chen; *Chae Man Lee; *Megan Staley; *Haowei Wang; Elizabeth Dugan. The Association of Lifelong Learning and Cognitive Function: Findings from the Health and Retirement Study. Accepted for presentation at GSA 2015.
- *Brittany Gaines; Elizabeth Dugan; *Chae Man Lee. Geographic Variation in Driving Cessation among Older Adults with Arthritis. Accepted for presentation at GSA 2015.
- *Emily A. Gadbois; Elizabeth Dugan. State Older Driver Licensing Policies and Late-Life Driving Behavior. Accepted for presentation at GSA 2015.
- Frank W. Porell; Elizabeth Dugan; Nina M. Silverstein; *Chae Man Lee; *Joosuk S. Chae; Ruth Palumbo. Measuring Population Health of Older Adults in Massachusetts. Accepted for presentation at GSA 2015.
- Frank W. Porell; Elizabeth Dugan; Nina M. Silverstein; *Chae Man Lee; *Joosuk S. Chae; Ruth Palumbo. Racial/Ethnic Disparities in Healthy Aging Indicators in Massachusetts. Accepted for presentation at GSA 2015.

2015.

Dugan E, Porell F, Silverstein NM, Lee CM, Palombo R. Making healthy aging a priority in Massachusetts. Presented at the 2015 Healthy Aging Summit, Washington DC July 27, 2015.

TEACHING EXCELLENCE

Graduate Student Mentoring:

Caitlin Coyle, PhD	Member, Dissertation committee Member, Qualifying exam Supervised Research Assistance
Jiyoung Lyu, PhD	Member, Dissertation committee
Mike Polito, PhD	Member, Dissertation committee Brandeis University
Alexandra Hajduk, PhD	Member, Dissertation committee University of Massachusetts Worcester
Kristen Porter, PhD	Member, Dissertation committee Member, Qualifying exam
Emily Gadbois	Chair, Dissertation committee Chair, Qualifying exam Supervised independent study
Kelli Barton	Chair, Dissertation committee Chair, Qualifying exam Supervised Research Assistance
Chae Man Lee	Chair, Dissertation committee Chair, Qualifying exam Supervised Research Assistance
Kristen Anderson	Chair, Dissertation committee
Robin Sherman	Chair, Dissertation committee Member, Qualifying exam
Bruce Haimowitz	Member, Dissertation committee Chair, Qualifying exam Supervised independent study
Mai See Yang	Member, Dissertation committee
Ning Xie	Member, Dissertation committee
Lorilei Richardson	Member, Dissertation committee Member, Qualifying exam
Kristina Turk	Chair, Qualifying exam Supervised independent study Supervised Research Assistance

Lien Quach	Member, Dissertation committee
	Member, Qualifying exam
ShuangShuang Wang	Member, Qualifying exam
	Supervised Research Assistance
Hyo Jung Lee	Supervised independent study
	Member, Qualifying exam
	Supervised Research Assistance
Bethany Riportelli	Primary Reader, Public Policy department Capstone project

Teaching History at UMass Boston

TERM	CLASS	CLASS TITLE	STUDENTS
2008 FALL	GERON GR 724	RACE & CULTURE	7
2009 SPRING	CORCOM 280	PUB & CMMTY ACTION II	7
	GERON 330	APPLIED RES AGING	7
	GERON GR 628	PSYCH OF AGING	6
2009 FALL	GERON GR 724	RACE & CULTURE	7
2010 SPRING	GERON 500	HLTH & PHYS ASP AGING	5
	GERON GR 628	PSYCHOLOGY OF AGING	5
	GERON GR 796	INDEPENDENT STUDY	1
2010 FALL	CORCOM 210	PARTICPTN IN GVRNMNT	13
	GERON GR 628	PSYCHOLOGY OF AGING	9
2011 SPRING	GERCTR 430	PHYSICAL ASPECT OF AGING	8
	GERON GR 611	HEALTH & PHYSICAL CHANGE AGING	6
2011 FALL	GERON GR 628	PSYCHOLOGY OF AGING	7
	GERON GR 796	INDEPENDENT STUDY	1
2012 SPRING	GERON GR 724	RACE & CULTURE	7
	GERON GR 796	INDEPENDENT STUDY	3
2012 FALL	GERON GR 628	PSYCHOLOGY OF AGING	6
	GERON GR 796	INDEPENDENT STUDY	2
2013 SPRING	GERON GR 796	INDEPENDENT STUDY	1
2013 FALL	GERON GR 628	PSYCHOLOGY OF AGING	7
	GERON GR 688	MULTIDISCIPLINARY SEMINAR	20
	GERON GR 796	INDEPENDENT STUDY	3
2014 SPRING	GERON GR 611	HEALTH & PHYSICAL CHANGE AGING	9
	GERON GR 724	RACE & CULTURE	5
	GERON GR 796	INDEPENDENT STUDY	1
2014 FALL	GERCTR 430	PHYSICAL ASPECTS OF AGING	17
	GERON GR 688	MULTIDISCIPLINARY SEMINAR	18
	GERON GR 796	INDEPENDENT STUDY	1
2015 SPRING	GERON GR 628	PSYCHOLOGY OF AGING	8
	GERON GR 798	INTERNSHIP IN GERONTOLOGY	2
2015 FALL	GERON GR 688	MULTIDISCIPLINARY SEMINAR	18
	GERON GR 796	INDEPENDENT STUDY	1

Description of Graduate Courses

- GERON 628, **Psychology of Aging** 3 credits. This graduate course studies the physiological, emotional, and behavioral aspects of adult development and aging. Given the central role of health in overall function and well-being we will focus on health psychology and aging, as well as covering key topics (e.g.,

dementia, delirium, cognitive aging, personality, and methodological issues). University of Massachusetts Boston.

- GERON 688, **Multidisciplinary Seminar in Aging** 1 credit. The purpose of this course is to provide students with an introduction to professional development issues and experiences not typically covered in other classes but essential to student development. University of Massachusetts Boston.
- GERON 724, **Racial and Ethnic Diversity in Aging Societies** 3 credits. This course examines the implications of race, ethnicity, socioeconomic status, and social class for the experiences of people in later life. Major attention is given to the cumulative consequences for life in old age of the life-long adversity experienced by many members of disadvantaged groups. Discussions also focus on the supports provided through families and ethnic associations for older people who are members of low-income racial and ethnic groups, and on the implications for aging of migration patterns among members of these groups. University of Massachusetts Boston.
- GERON 611, **Health and Physical Change of Aging** 3 credits. The elective course provides an overview of normal age-related change, chronic health conditions, theories of health behavior, and biomedical research methodologies. University of Massachusetts Boston.
- GERON 798, **Internship in Gerontology** (variable credits). This course provides students with an opportunity for guided practical experiences in conducting gerontological research or policy analysis in a variety of possible settings.
- CPHR 710, **Scientific Writing** 1.5 credit, (Fall 2006-2011). This course takes advanced doctoral students step-by-step through the process of writing a systematic literature review (qualifying paper). Topics covered include: locating the paper in the context of the literature in that field, advanced techniques of library and internet searches, the use of bibliographic software, and writing skills. Students learn how to review and critique other's drafts; how to learn from critiques; and the necessity of extensive revisions in scientific writing. University of Massachusetts Medical School.
- **Communicating with Older Patients.** (Enduring material) Developed an eleven chapter course on cd-rom for primary care physicians on communicating effectively with older patients. New England Research Institutes and Boston University School of Medicine CME course (4 credit hours)
- **Doctor-patient communication.** (Fall, 2000) 1st year medical student course. WFUSM. This is a foundational course for first-year medical students to train them how to communicate effectively and compassionately with patients. For the purpose of gathering information for diagnostic and therapeutic purposes, all students develop skills in interviewing and communication. Students learn to obtain an accurate and complete medical history that includes issues related to age, gender, and socioeconomic status. Wake Forest University School of Medicine.

Undergraduate Courses

- GERON330/GERCTR400, **Elderly Action Research** 3 credits. This is an introductory research methods class. Focused on survey design and administration.
- CORCOM210, **Participation in Government/Legislative process and the elderly** 3 credits. This is an overview of the Massachusetts policy making process.
- GERON500/GERCTR430, **Health And Physical Aspects of Aging** 3 credits. This is an introductory class providing an overview of physical changes associated with normal aging and disease.

SERVICE

University Service

2009-2010 Admissions committee, UMB Department of Gerontology.

Faculty Advisor, Sigma Phi Omega, Gerontology Honor Society

2010-2011 Faculty Advisor, GeroNews, newsletter of the UMB Gerontology Department;

Curriculum committee member, UMB Gerontology Department;
 Capstone Advisor, Beth Riportella, "Investigating the Impact of the MCAS legislation on the Commonwealth's Educational System," Public Policy & Public Affairs, Completed. (December 8, 2010 - May 15, 2011).

- 2011-2012 Gerontology Seminar Organizer (8 seminars, including first annual outstanding alumni seminar)
 Gerontology Personnel Committee member
 Sigma Phi Omega Gerontology Honor Society Faculty Advisor.
 Interim Director, Undergraduate Gerontology program.
- 2012-2013 Geroneews (student newsletter) faculty advisor,
 Gerontology Dept personnel committee member.
- 2013-2014 Gerontology Seminar Organizer (8 seminars)
 Gerontology Personnel Committee member
 Health and Aging faculty search committee member
- 2014-2015 Member, Undergraduate Gerontology Program Planning Committee (Ad hoc committee to explore the possible move of the undergraduate program to the McCormack Graduate School of Policy and Global Studies). Graduate Gerontology Internship Coordinator
- 2015-2016 Member, Gerontology Curriculum committee

Professional Service

Reviewer for the following Journals:

The Gerontologist, Journals of Gerontology: Medical Sciences, Journal of the American Geriatrics Society, Research on Aging, Journal of Aging & Social Policy, Journal of Health and Social Behavior, Medical Care, Quality of Life Research, Family Relations, Women's Health Issues, Journal of Gerontology Psychological Sciences, Journal of Gerontology Social Sciences, Accident Analysis & Prevention.

The Gerontological Society of America. Behavioral & Social Sciences Section, 1989-present. Publications Committee (91-93), Program Committee (92-93), Council (92-94), Chair, Student Organization (93-94), Finance Committee (95-96), Abstract Reviewer, Annual Scientific Meeting program (95-present), Chair, Health Promotion and Disease Prevention Interest Group (97-01), BSS Mentorship Award Committee Co-Chair (03) Chair (04). Fellow (2003). Transportation and Aging Interest group member (2007-present).

- **Massachusetts Gerontology Association** Member (2014-present)
- **American Psychological Association**, Division 20 Member (2012-2014).
- **Association For Gerontology in Higher Education** Program Committee, Student Outreach Chair (96-98), Abstract Reviewer, Annual Scientific Meeting Program (97-98).
- **The Southern Gerontological Society.** Member 1989-2000. Board of Directors (89-90, 97-99), Research Committee (92-94, 97-99; Chair 97-99), Abstract Reviewer (96-00).

Community Service

Advisory Board, **Newton Council on Aging** (2014-2017). Member of the Benchmarking Committee.

Member, **Massachusetts Department of Transportation** (MassDOT) Older Driver advisory board. Develop action items related to older driver safety for the Massachusetts strategic Highway Safety Plan (2013-present). Quantitative research of 2011 Massachusetts crash data to identify driver, road, vehicle, and community factors contributing to fatal crashes involving older drivers. Member, MA Older Driver Summit (June 2015) planning committee.



SETTI D. WARREN
MAYOR

City of Newton, Massachusetts
Office of the Mayor

#322-16

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September 12, 2016

Honorable City Council
Newton City Hall
1000 Commonwealth Avenue
Newton Centre, MA 02459

RECEIVED
CITY OF NEWTON
2016 SEP 12 PM 3:48
DAVID A. OLSON, OFFICE
NEWTON, MA 02459

Ladies and Gentlemen:

I write to request that your Honorable Council docket for consideration a request to appropriate the sum of \$500,000 from June 30, 2016 Certified Free Cash for the purpose of providing funding for the removal of approximately 2,500 tree stumps located throughout the City, as a result of the City's aggressive tree removal program which has attempted to identify and remove the most dangerous trees throughout the City.

Thank you for your consideration of this matter.

Sincerely,

Setti D. Warren
Mayor

1000 Commonwealth Avenue Newton, Massachusetts 02459

www.newtonma.gov



DEDICATED TO COMMUNITY EXCELLENCE

FY2017 STUMP GRINDING ACTION PLAN OPTIONS**2700 Stumps to be ground (*anticipated number by 12/1/16)****Person Hours needed to address 2700 Stumps**

	Crew Hrs	Employee Hrs	
Stump grinding	2970	5940	2 people/ crew
Cleanup	1485	2970	2 people/ crew
Loam and seed	810	810	1 person
TOTAL HOURS	5265	9720	

Completion time period - December 1st through March 31st **83 Days**Number of stumps per day to meet deadline **33****Option 1**

Description - All stumps ground, cleaned up, and loamed by contractor

Pro's	Con's
-Simple solution	-Very expensive
-Allows City Staff to prune 900 high risk trees	-May need multiple contractors due to quantity of work
-Does not require City to buy additional equipment	

TOTAL COST \$ 1,215,000**Option 2**

Description - All stumps ground by Contractor. All cleanup done by Forestry Staff

Pro's	Con's
-Does not require City buy additional equipment	-Very expensive
	-May need multiple contractors due to quantity of work

TOTAL COST \$ 650,000**Option 3**

Description - Stumps ground and cleaned up by Forestry Staff and other Division Staff

Pro's	Con's
-Does not use contractors	-Requires purchase of 6 new grinders
-Lower cost compared to other options	-Requires at least 9 people from other divisions daily
-Expense is one time every six to eight years	-Will require use of 4 small trucks from other divisions
	-Assumes no snow or weather events impacting work

Equipment Cost \$330,000

Operational Cost for grinders \$15,000

TOTAL COST \$345,000**Option 4**

Description - Stumps ground by Forestry Staff and Contractor, cleaned up by other Division Staff.

Pro's	Con's
-Reduces need for Contractor	-Requires purchase of 3 new grinders
-Lowest cost compared to other options	-Requires at least 5 people from other divisions daily
	-Will require use of 1 small trucks from other divisions
	-Assumes no snow or weather events impacting work

Equipment Cost \$165,000

Operational Cost for grinders \$10,000

Contract Cost \$155,000

TOTAL COST \$330,000

**Option 4
Selected**

Option 5**Description:**

Contractor grinds a portion of stumps from August through January

City Staff cleanup grindings on overtime August through October

City Staff cleanup grindings on straight time November through March

City Staff grinds stumps from December through March

Pro's	Con's
-Reduces need for Contractor	-Only addresses 2000 stumps (remainder do in FY2018)
-Reduces use of staff from other Divisions	-Requires purchase of 2 new grinders
-Eliminates need to use trucks from other divisions	-Assumes no snow or weather events impacting work
-Lower cost compared to some other options	
-Less effected by weather events	
-More sustainable approach for future years	

Equipment Cost	\$110,000
Operational Cost for grinders	\$7,000
Staff Overtime Costs	\$20,000
Contract Cost	\$220,000

TOTAL COST	\$357,000
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Tree Removal, Stump Removal, and Emergency Expenses FY2017

Starting balance	\$ 460,000	<i>(includes 60k from carry over funds)</i>
Spent thru 8-13-16	\$ 230,000	<i>paid invoices</i>
Pending expenses thru 9-30-16	\$ 325,000	
Shortfall at completion of Risk Removals	\$ (95,000)	
Recommended Contract Reserve funds	\$ 40,000	<i>for small scale emergency issues thr 6-30-17</i>
Debris disposal costs thru 6-30-17	\$ 15,000	
Contract stump grinding work	\$ 155,000	
Stump Grinder Purchase Costs	\$ 175,000	

TOTAL PROJECTED SHORTFALL \$ (480,000)

FORESTRY RISK TREE STATUS UPDATE W/E 9-9-16

Tree Removals Locations						
	Currently Recorded Since 4/11/16	Projected Final Amount By 9/30/16	Done As of 9/9/16	To be Done		Done Last Week
Risk Level 11	453	455	434	21		22
Risk Level 10	412	420	380	40		32
Risk Level 9	92	95	83	12		7
totals	957	970	897	73		79

Tree Prune Locations						
	Currently Recorded Since 4/11/16	Projected Final Amount By 9/30/16	Done As of 9/9/16	To be Done		Done Last Week
Risk Level 10	438	440	137	301		14
Risk Level 9	762	780	124	638		8
Risk Level 8	457	460	51	406		2
totals	1657	1680	312	1345		24

#31-15 (LEAF BLOWERS)

DRAFT REDLINE FOR DISCUSSION PURPOSES 03/10/2016

(Added language underscored; deleted language struck through)

ARTICLE II.

NOISE

Sec. 20-13. Noise control.

(a) This ordinance may be cited as the "Noise Control Ordinance of the City of Newton."

(b) *Declaration of findings and policy.* Whereas excessive sound is a serious hazard to the public health and welfare, safety, and the quality of life; and whereas a substantial body of science and technology exists by which excessive sound may be substantially abated; and, whereas the people have a right to and should be ensured an environment free from excessive sound that may jeopardize their health or welfare or safety or degrade the quality of life; now therefore it is the policy of the City of Newton to prevent excessive sound which may jeopardize the health and welfare or safety of its citizens or degrade the quality of life.

(c) *Scope.* This ordinance shall apply to the control of all sound originating within the limits of the City of Newton except as follows:

- (1) the emission of sound for the purpose of alerting persons to the existence of an emergency or the emission of sound in the performance of emergency work or in training exercises related to emergency activities; and
- (2) all snow clearance activities; and
- (3) any program or activity supervised by the parks and recreation department of the city in effect and as it exists on June 1, 1983.

(d) *Definitions.* For the purposes of this ordinance the following words and phrases shall have the meanings respectively ascribed to them by this section:

Construction and demolition: Any excavation, highway construction, land development or land clearing work, or the erection, demolition, alteration, repair, or relocation of any building or structure, which uses powered equipment such as backhoes, trucks, tractors, excavators, earth moving equipment, compressors, motorized, or power hand tools, manual tools, or equipment of a similar nature as well as two-way radios or other communication equipment; or use of any equipment for recycling, screening, separating, or any other processing of soil, rocks, concrete, asphalt or other raw material.

Electronic devices: any radio, tape recorder or player, television, phonograph, public address system, loudspeaker, amplified musical instrument or any other similar device, except two-way communication radios.

Emergency: any occurrence or set of circumstances involving actual or imminent physical trauma or property damage which demands immediate action.

Emergency work: any work performed for the purpose of preventing or alleviating the physical trauma or property damage threatened or caused by an emergency.

Gross vehicle weight rating (GVWR): the value specified by the manufacturer as the recommended maximum loaded weight of a single motor vehicle. In cases where trailers and tractors are separable, the gross combination weight rating (GCWR), which is the value specified by the manufacturer as the recommended maximum loaded weight of the combination vehicle, shall be used.

#31-15 DRAFT REDLINE FOR DISCUSSION PURPOSES (~~11/6/2015~~)

§ 20-13 NEWTON ORDINANCES — CIVIL FINES AND MISCELLANEOUS OFFENSES § 20-13

Leaf blower: any portable motorized device, whether carried or pushed, whether powered by gasoline or other fuel, electricity or battery, used in any landscape or property construction or maintenance activity, for the purpose of blowing, dispersing, vacuuming, redistributing, or removing dust, dirt, leaves, grass or plant clippings, litter or other debris.

Motorcycle: any unenclosed motor vehicle having two or three wheels in contact with the ground, including, but not limited to, motor scooters, minibikes, and mopeds.

Motor vehicles: any vehicle which is propelled or drawn on land by a motor, such as, but not limited to, passenger cars, trucks, truck-trailers, semi-trailers, campers, go-carts, snowmobiles, dune buggies, or racing vehicles, but not including motorcycles.

Noise pollution: a condition caused by a noise source that increases noise levels 10dB(A) or more above background noise level, except that if the noise source produces a tonal sound, an increase at 5dB(A) or more above background noise level is sufficient to cause noise pollution.

Tonal sound: any sound that is judged by a listener to have the characteristics of a pure tone, whine, hum or buzz.

(e) *Noise Pollution prohibited.*

- (1) No person shall willfully, negligently, or through failure to provide necessary equipment or facilities or to take necessary precautions permit the establishment or continuation of a condition of noise pollution caused by a noise source (other than a dog or bird) owned, leased, kept, or controlled by such person, or caused by any activity of such person.
- (2) When the offending noise source is located in public spaces, noise measurements shall be made at, and noise pollution determinations made in relation to, any location a passerby might reasonably occupy. When the offending noise source is located on private property, noise measurements shall be made at, and noise pollution determinations made in relation to, the boundary line of the property within which the offending source is located, or as close thereto as feasible.
- (3) All noise level measurements made pursuant to subsection (e) shall be made with a Type I or II A-weighted sound level meter as specified under the American National Standards Institute (ANSI) standards.

(f) *Time Restrictions.*

- (1) Notwithstanding the provisions of subsection (e) and subject to the maximum noise levels listed in subsection (g), the generation of any noise from all electric motors and/or internal combustion engines employed in yard, garden, or grounds maintenance is prohibited except during the following time periods:
 - (A) Between 7:00 a.m. and 8:00 p.m. on weekdays; or
 - (B) Between 9:30 a.m. and 8:00 p.m. on Saturdays, Sundays and legal holidays as established in section 2-26 of these revised ordinances.
- (2) Notwithstanding the provisions of subsection (e) and subject to the maximum noise levels listed in subsection (g), the generation of any noise from construction and demolition activity is prohibited except during the following time periods:

#31-15 DRAFT REDLINE FOR DISCUSSION PURPOSES (~~11/6/2015~~)

§ 20-13

NEWTON ORDINANCES — CIVIL FINES AND MISCELLANEOUS OFFENSES

§ 20-13

(A) Between 7:00 a.m. and 7:00 p.m. on weekdays; or

(B) Between: 8:00 a.m. and 7:00 p.m. on Saturdays;

(C) Generation of any noise from construction and demolition activity is prohibited at any hour on Sundays and legal holidays as established in section 2-26 of these revised ordinances, except by permit issued in accordance with subsection (h)(1).

(3) All public address loudspeakers, either mobile or stationary, shall be prohibited from operating every evening from 9:00 p.m. until 7:00 a.m. the following morning.

(4) No automobile, motorcycle, truck or vehicle-mounted refrigeration equipment or other motorized vehicle shall be left running when not in traffic, within three hundred (300) feet of any dwelling, hotel or residence, for a period of greater than five (5) minutes.

(5) Between the hours of midnight and 6:00 a.m. deliveries and pick-ups for commercial or business purposes are prohibited within 300 feet of any dwelling within a residential zone excepting deliveries to such dwellings, deliveries of gasoline to gasoline stations, deliveries or pick-ups at state or federal governmental offices and any other commercial or business delivery or pick-up operation that does not increase noise levels 5dB(A) or more above background noise level. For purposes of this subsection, "deliveries" and "pick-ups" shall include the loading and unloading of a vehicle.

(6) Between the hours of 7:00 p.m. and 7:00 a.m. trash collection shall be prohibited within five hundred (500) feet of any dwelling.

(7) Between the hours of 11:00 p.m. and 7:00 a.m. no person or persons shall disturb the peace by causing or allowing to be made any unreasonable or excessive noise, including but not limited to such noise resulting from the operation of any electronic device, or from the playing of any band or orchestra, or from the making of excessive outcries, exclamations, or loud singing or any other excessive noise by a person or group of persons, provided however, that any performance, concert, establishment, band group or person who has received and maintains a valid license or permit from any department, board, or commission of the City of Newton authorized to issue such license or permit shall be exempt from the provisions of this section. Unreasonable or excessive noise for the purposes of this section shall be defined as 5dB(A) or more above background level when measured not closer than the lot line of a residential lot or from the nearest affected dwelling unit.

(g) *Maximum Noise Levels.* Notwithstanding the provisions of subsections (e)(1) and (e)(2), the following are the maximum noise levels that are permitted for the specified purposes:

Maximum noise level dB(A) permitted:

(1) *Vehicles*

Vehicle Class Stationary or Moving

#31-15 DRAFT REDLINE FOR DISCUSSION PURPOSES (11/6/2015)

§ 20-13 NEWTON ORDINANCES — CIVIL FINES AND MISCELLANEOUS OFFENSES § 20-13

All vehicles over 10,000 lbs. GVW
or GCWR 86

All Motorcycles 82

Automobiles and light trucks 75

Noise measurements shall be made at a distance of fifty (50) feet from the closest point of pass-by of a source or fifty (50) feet from a stationary vehicle.

(2) *Construction and demolition.*

The cumulative noise level of all construction and demolition on one site at any one time shall not exceed 90dB(A). No individual piece of equipment shall exceed a maximum noise level of 90 dB(A). If noise barriers are used that effectively shield nearby areas from a condition of noise pollution, the following devices shall be exempt from the maximum noise level limitations: jackhammers; pavement breakers; pile drivers; and rock drills.

Maximum noise level dB(A) permitted:

Backhoe, bulldozer, concrete mixer, dump truck, loader, paver, pneumatic tools, roller, scraper 90

Air compressor 85

Generator 90

Electric drills, sanders, saws (except chainsaws) or other power tools of all types, whether hand held or otherwise 75

Noise measurements shall be made at a distance of fifty (50) feet from the source, or from the nearest lot line, whichever distance is less.

(3) *Yard, Garden, or Grounds Maintenance Equipment**Maximum noise level dB(A) permitted:*

Commercial Chipper, 3 1/2 inch or greater limb capacity (running at full speed but not chipping) 90

Commercial truck-mounted leaf
vacuum 90

All other equipment, including home
tractor, ~~leaf blower~~, lawn mower
or trimmer 65

#31-15 DRAFT REDLINE FOR DISCUSSION PURPOSES (~~11/6/2015~~)

§ 20-13 NEWTON ORDINANCES — CIVIL FINES AND MISCELLANEOUS OFFENSES § 20-13

Noise measurements shall be made at a distance of fifty (50) feet from the source, or from the nearest lot line, whichever distance is less.

- (4) *Tonal Sound Corrections.* When a tonal sound is emitted by a noise source specified in subsections (g)(1), (g)(2) and (g)(3) herein, the limit on maximum noise levels shall be 5dB(A) lower than as specified in subsections (g)(1), (g)(2) and (g)(3).
- (5) *Maximum Noise Levels for HVAC systems.* No person shall operate any air conditioning, refrigeration or heating equipment for any residence or other structure or operate any pumping, filtering or heating equipment for any pool or reservoir in such manner as to create any noise which would cause the noise level on the premises of any other occupied property or if a condominium, apartment house, duplex, or attached business, within any adjoining unit, to exceed the background noise level by more than 5 dB(A). This provision shall not apply, however, to periodic or emergency maintenance or testing of such equipment reasonably necessary to maintain such equipment in good working order. Noise measurements and noise pollution determinations shall be taken in accordance with subsections (e)(2) and (e)(3).
- (6) *Alternative Measurement Procedures.* If it is not possible to make a good noise level measurement at the distance specified in subsections (g)(1), (g)(2) and (g)(3), measurement may be made at an alternate distance and the noise level subsequently calculated for the specified distance. Calculations shall be made in accordance with established engineering procedures.
- (7) All noise-level measurements made pursuant to subsection (g) shall be made with a Type I or II A-weighted sound level meter as specified under the American National Standards Institute (ANSI) standards.

(h) *Restrictions on use of leaf blowers.* Notwithstanding the provisions of sections 20-13 (f) and (g), on or after January 1, 2017 no person, including any City employee or contractor, shall use or operate a leaf blower within the City of Newton from Memorial Day through Labor Day or from December 15 through March 1 in each year. At all other times leaf blowers may be operated subject to the following provisions:

(1) Permitted hours of use. Leaf blowers may be operated only during the following times:

Monday – Friday: 8:00 a.m. – 5:30 p.m.

Saturday: 9:30 a.m. – 5:30 p.m.

Sundays and legal holidays: prohibited except for operation by a resident of the property on which the leaf blower is operated between 9:30 a.m. and 5:30 p.m.

(2). Only leaf blowers meeting the following criteria are permitted for use:

A. Leaf blowers must be manufactured after January 1, 2005 for EPA Class 4 engines and after January 1, 2008 for EPA Class 5 engines;

B. Leaf blowers must bear an affixed manufacturer's label indicating the model number of the leaf blower;

#31-15 DRAFT REDLINE FOR DISCUSSION PURPOSES ~~(11/6/2015)~~

§ 20-13 NEWTON ORDINANCES — CIVIL FINES AND MISCELLANEOUS OFFENSES § 20-13

C. Leaf blowers must bear an affixed manufacturer's label documenting a noise rating of 65 dB(A) or less; and

D. Leaf blowers may only be used with any muffler, full extension tube and sound attenuating devices supplied by the manufacturer of the leaf blower.

(3) No more than one leaf blower may be used on any lot of 10,000 square feet or smaller. One additional leaf blower may be used for each additional 10,000 square feet or portion thereof comprising one lot.

(4) During times of emergency caused by a storm or other special circumstance, the Mayor or his designee may temporarily suspend application of all or a portion of this section for purposes of cleaning up from such storm or other special circumstance.

(5) The Mayor may grant, on a case by case basis, a permit for exemption from all or a portion of this section in accordance with the provisions of section 20-13 (i).

.

~~(h)~~ *Permits for exemptions from this ordinance and for extensions of time to comply with this ordinance.*

- (1) The mayor or his designee may grant a permit for any activity otherwise forbidden by the provisions of this ordinance upon a determination by the mayor or his designee that compliance in the conduct of such activity would cause undue hardship on the person or persons conducting such activity or on the community, taking into account: (i) the extent of noise pollution caused by not requiring such compliance; and (ii) whether reasonable efforts have been made to abate the noise. The mayor or his designee shall establish appropriate procedures for the processing of requests for such permits, including such hearings as the mayor or his designee deems appropriate. In granting any such permit, the mayor or his designee may impose such appropriate conditions as he deems necessary pursuant to this section. Copies of all such permits shall be filed with the clerk of the board of aldermen promptly after issuance. Promptly after issuance, copies of all such permits shall be filed with the clerk of the board of aldermen and to each ward alderman for the affected ward.
- (2) The mayor or his designee may extend to a specified date the time for compliance with this ordinance in the case of any particular activity with respect to which a determination is made that such extension is necessary to provide a reasonable opportunity for such activity to be brought into compliance. No such extension shall be granted which has the effect of exempting such activity from compliance with this ordinance. The mayor or his designee shall establish appropriate procedures for the processing of requests for such extensions of time, including such hearings as the mayor or his designee deems appropriate.

~~(i)~~ *Judicial Review.* Any person aggrieved by the grant or denial of a permit pursuant to subsection (h)(1) or an extension of time pursuant to subsection (h)(2) may seek relief therefrom by a civil action in any court of competent jurisdiction as provided by the laws of the Commonwealth of Massachusetts.

~~(j)~~ *Penalties.* Violation of any of the provisions of this section shall constitute a misdemeanor and any person,

#31-15 DRAFT REDLINE FOR DISCUSSION PURPOSES ~~(11/6/2015)~~

§ 20-14 NEWTON ORDINANCES — CIVIL FINES AND MISCELLANEOUS OFFENSES § 20-19

upon conviction of such violation, shall be fined an amount not to exceed three hundred dollars (\$300.00). Each day that such violation continues shall be considered to be a separate offense.

~~(k)~~ *Non-criminal disposition.* In addition to the penalties set forth in subsection (j), where non-criminal disposition of specified sections of this ordinance by civil fine has been provided for in sections 20-20 and 20-21 of the Revised Ordinances, as amended, pursuant to the authority granted by G.L. c. 40, sec. 21D, said violations may be enforced in the manner provided in such statute. The civil penalty for each such violation is set out in Sections 20-21(c) and 20-21(d).

~~(m) In the event the person in violation of section 20-13 (h) pertaining to leaf blower use is a contractor, the property owner shall be notified of the violation and of any warning or other enforcement issued to the contractor.~~

~~(n)~~ *Severability.* If any provision(s) of this ordinance or the application of such provision(s) to any person or circumstances shall be held invalid, the validity of the remainder of this ordinance and the applicability of such provision to other persons or circumstances shall not be affected thereby. (Ord. No. R-331, 6-20-83; Ord. No. T-62, 12-4-89; Ord. No. T-200, 12-16-91; Ord. No. V-286, 3-6-00; Ord. Z-32, 7-14-08; Ord. No. Z-78, 02-22-11; Ord. No. Z-104, 04-02-12)

Cross reference—Sounding warning devices on motor vehicles, § 19-72; noise by hawkers and peddlers, § 17-26.

Secs. 20-14—20-19. Reserved.

Sec. 20-51. Depositing of litter.

(a) No person shall in any manner place or deposit or cause to be placed or deposited on any street or sidewalk, or on any park, playground or other public grounds, or upon any other premises, without the consent of the owner thereof, any noxious substance or liquid or any discarded articles or materials or any rubbish or litter of any kind except in containers set out for collection in accordance with the provisions of Chapter 11 of the Revised Ordinances.

(b) No person shall by operation of a leafblower or in any other manner place or deposit or cause to be placed or deposited on any street or sidewalk, or on any park, playground or other public grounds, or upon any other premises, without the consent of the owner thereof, any yard waste, including dirt, leaves, grass clippings, trimmings from trees or shrubs, or wood chips except in containers set out for collection in accordance with the provisions of Chapter 11 of the revised ordinances.

(Rev. Ords. 1973, § 14-2; Rev . Ords. 1995, § 20-2)

Sec. 20-21 Sec. 20-21. Enforcing persons and revised ordinances subject to civil fine.

(d) POLICE DEPARTMENT: City police officers shall be authorized to issue written notice of the following violations:

.....PENALTY

() Warning \$0.00

Sec. 3-29. Removal and disposal of canine waste.

() Any Offense..... \$50.00

Sec. 20-13. Noise Control

() First offense in calendar year..... Warning

() Second offense in calendar year \$100.00

() Third offense in calendar year \$200.00

() Fourth or subsequent offense in calendar year \$300.00

Sec. 20-51(b) Depositing of litter – yard waste

() First offense in calendar year..... Warning

() Second offense in calendar year \$100.00

#31-15(2) 3/4/2016 Draft for Discussion purposes

<u>() Third offense in calendar year</u>	<u>\$200.00</u>
<u>() Fourth or subsequent offense in calendar year</u>	<u>\$300.00</u>

Sec. 26-8. Removal of snow and ice from sidewalks in certain districts.

Sec. 20-51. Depositing of litter.

No person shall in any manner place or deposit or cause to be placed or deposited on any street or sidewalk, or on any park, playground or other public grounds, or upon any other premises, without the consent of the owner thereof, any noxious substance or liquid or any discarded articles or materials or any dirt, leaves, grass clippings, trimmings from trees or shrubs, wood chips or other yard waste or any rubbish or litter of any kind except in containers set out for collection in accordance with the provisions of Chapter 11 of the Revised Ordinances. (Rev. Ords. 1973, § 14-2; Rev. Ords. 1995, § 20-2)

Sec. 20-21. Enforcing persons and revised ordinances subject to civil fine.

(d) POLICE DEPARTMENT: City police officers shall be authorized to issue written notice of the following violations:

.....PENALTY

() Warning \$0.00

Sec. 3-29. Removal and disposal of canine waste.

() Any Offense..... \$50.00

Sec. 20-13. Noise Control

() First offense in calendar year..... Warning

() Second offense in calendar year \$100.00

() Third offense in calendar year \$200.00

() Fourth or subsequent offense in calendar year \$300.00

Sec. 20-51 Depositing of Litter

() First offense in calendar year..... Warning

() Second offense in calendar year \$100.00

() Third offense in calendar year \$200.00

() Fourth or subsequent offense in calendar year \$300.00

Sec. 26-8. Removal of snow and ice from sidewalks in certain districts.

Karyn Dean

From: Alison Leary Mooradian <alisonlearymooradian@gmail.com>
Sent: Wednesday, September 14, 2016 11:23 AM
To: Karyn Dean
Cc: John Rice
Subject: Information on Alternative Equipment

Hi Karyn,

Could you please include this information to members of P & S? I think it may be helpful to the discussion on the 21st with Bod DeRubeis. This is additional information about the machines that Elaine brought photos of at the last meeting.

This information was put together by Ken Glusman.

Mastercraft

About \$2800.

This is a litter vacuum, and therefore not comparable to a leaf blower. It will pick up bottles and other debris that a leaf blower could not move efficiently. It uses a Honda 5.5 hp engine, which is a four-stroke. Mastercraft does not publish noise data, but we know from common experience that vacuum cleaners are noisy, even if electric. I did get some noise data from Billy Goat for comparable machines (see below). They are about as loud as a “legal” leaf blower.

Note that this was labeled “Unoclean” on the P&R sheet. Unoclean is a reseller, not the manufacturer.

<http://www.unoclean.com/Mastercraft-MCDG30-BR5-5-DebrisMaster-Gas-Litter-Vacuum-5-5-HP-30-Inch-Intake.aspx>

Ind Air

A search for “Ind Air” did not produce any useful results. From its picture, this device is a litter vacuum similar to the Mastercraft.

Billy Goat

Billy Goat makes a line of litter vacuums. The larger one shown costs \$2100 (assuming that I have the right model; I’m going by appearance). These machines use a four-stroke engine, which is a lot quieter than the two-stroke engines that most leaf blowers use. The company published a noise rating of 83 dB, which Billy Goat says is measured right next to the machine, not 50 ft. away. This would equate to 65 dB at 50 ft., at least according to one web site I consulted.

Madvac

This is a line of street sweepers that are in no way related to leaf blowers. As you can see from the pictures they are big machines, some of which carry the operator. They cost thousands of dollars. The smallest of these, the PS 300, costs about \$3000 on ebay. It's a sidewalk sweeper/vacuum.

Note that vacuum/sweepers like all of these are generally intended for hard surfaces and would not be suitable for lawns. There are other machines that will do that, however.

Alison Leary
City Council, Ward 1
Newton, MA

617-821-5619



Ind Air



Unoclean



Billy Goats





LN 50



LR 50

MadVac Series



PS 300



LS 100