



# Programs & Services Committee Agenda

## City of Newton In City Council

Wednesday, April 18, 2018

7:00 PM  
Room 211

### Items Scheduled for Discussion:

- #221-18**      **Appointment of Leland Fisher to Jackson Homestead**  
HER HONOR THE MAYOR appointing LELAND P. FISHER, 954 Chestnut Street, Newton Upper Falls, as a Trustee of the JACKSON HOMESTEAD for a term to expire April 30, 2021. (60 days: 6/16/18)
- #222-18**      **Re-Appointment of Aric Parnes to the Biosafety Committee**  
PRESIDENT LAREDO re-appointing ARIC PARNES, 43 Beverly Road, Newton Highlands, as a member of the BIOSAFETY COMMITTEE for a term to expire April 1, 2021. (60 days: 6/16/18)
- #127-18**      **Referred to Programs & Services and Finance Committees**  
**Prohibition on polystyrene-based disposable food or beverage containers**  
COUNCILORS DANBERG, ALBRIGHT, NORTON, CROSSLEY, LEARY AND KALIS 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 with in the City.

Respectfully Submitted,

John B. Rice, Chair

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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](mailto: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.



Ruthanne Fuller  
Mayor

City of Newton, Massachusetts  
Office of the Mayor

#221-18  
Telephone  
(617) 796-1100  
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(617) 796-1113  
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(617) 796-1089  
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rfuller@newtonma.gov

April 2, 2018

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

To the honorable City Councilors:

I am pleased to appoint Leland P. Fisher of 954 Chestnut Street, Newton as a Trustee of the Jackson Homestead. His term of office shall expire on April 30, 2021 and his appointment is subject to your confirmation.

Thank you for your attention to this matter.

Warmly,

Ruthanne Fuller  
Mayor

RECEIVED  
Newton City Clerk  
2018 APR - 6 AM 9:04  
DAVID A. O'NEAL, CMG  
Newton, MA 02459

**Leland P. Fisher**  
 954 Chestnut Street  
 Newton, Massachusetts 02464

**Overview:** Proven ability to act as catalyst in growing sales, improving customer relationships, crafting product plans, and penetrating new markets. Strong technical and communications skills. Enjoy solutions-oriented sales approach. Currently retired.

**Experience:**

9/12 to 11/17 REDLINE TRADING SOLUTIONS Woburn, MA

**VP, Marketing**. Building the marketing function at Redline Trading, a provider of ultra low latency ticker plant and order execution applications and services for HFT.

1996 - 2012 HEWLETT-PACKARD COMPANY Andover, MA

**Worldwide FSI-HPC Business Development**. (6/07 – 9/12) Formulated and promoted HP's solutions for low latency market data, high frequency trading and exchanges in the Financial Services Industry. Drove requirements of HP's InfiniBand and 10GbE Mellanox-based solutions for this market. Partnered with leading ISVs/IHVs for solution benchmarking and joint promotion. Visited 100+ customers in NYC, Chicago, London and Asia to prove HP's solution capability for their most demanding requirements. Strengthened HP solutions with low latency BIOS tuning and real-time Linux support. Speaker, panel moderator, and conference chairman at HP and industry events. Developed well regarded sales material on our solutions.

**Worldwide CAE Business & Alliances**. (1997 – 2007) Sold HP servers, clusters and workstations to ISVs who develop software applications for the mechanical Computer Aided Engineering market. Negotiated joint marketing activities to promote HP hardware, HP-MPI middleware and ISV software solutions to end users. Directed HP software engineers assigned to my customers in porting and optimization activities. Trained HP sales reps worldwide in selling HP's advantage in CAE. Visited engineering customers worldwide to support deals, such as Airbus, BMW, Boeing, Bombardier, DaimlerChrysler, Ford, GE R&D India, GM, Honda, Lockheed-Martin, Mazda, Nissan, Renault, Peugeot, Toyota, and VW. Grew HP's unit sales to my ISV partners four-fold since 1997.

**Embedded Computing Product Planner**. (1996 – 1997) Developed product positioning strategies with Sales Reps and wrote system requirements for Engineering. Presented product roadmap to strategic OEMs. Drove a shift toward 5 volt PCIbus implementation. Led interdepartmental Steering Committee for VME business.

1993 – 1996 CSPI Billerica, MA

**Marketing Director**. Repositioned CSPI's corporate message to match shifting market conditions - from board level VME array processors to high-performance embedded computing systems. Hired marketing communications and product managers. Played major role in landing an influential new program in defense sonar processing and a strategic OEM in medical imaging. Produced top notch 20-page four-color



CITY OF NEWTON

DOCKET REQUEST FORM

**DEADLINE NOTICE: Council Rules require items to be docketed with the Clerk of the Council NO LATER THAN 7:45 P.M. ON THE MONDAY PRIOR TO A FULL COUNCIL MEETING.**

To: Clerk of the City Council

Date: 04/09/18

From (Docketer): President Laredo

Address: \_\_\_\_\_

Phone: \_\_\_\_\_

E-mail: \_\_\_\_\_

Additional sponsors: \_\_\_\_\_

RECEIVED  
Newton City Clerk  
2018 APR -9 PM 12:20  
David A. Olsen, OMC  
Newton, MA 02459

1. Please docket the following item (it will be edited for length if necessary):

Appt to the Biosafety Committee by the President of the City Council  
ARIC PARNES, 43 Beverly Road, Newton Highlands, reappointed as a member of the  
BIOSAFETY COMMITTEE for a term of office to expire April 1, 2021.

2. The purpose and intended outcome of this item is:

- |  |  |
|--|--|
| <input type="checkbox"/> Fact-finding & discussion             | <input type="checkbox"/> Ordinance change                    |
| <input type="checkbox"/> Appropriation, transfer,              | <input type="checkbox"/> Resolution                          |
| <input type="checkbox"/> Expenditure, or bond authorization    | <input type="checkbox"/> License or renewal                  |
| <input type="checkbox"/> Special permit, site plan approval,   | <input checked="" type="checkbox"/> Appointment confirmation |
| <input type="checkbox"/> Zone change (public hearing required) | <input type="checkbox"/> Other: _____                        |

3. I recommend that this item be assigned to the following committees:

- |   |  |  |
|---|--|--|
| <input checked="" type="checkbox"/> Programs & Services | <input type="checkbox"/> Finance       | <input type="checkbox"/> Real Property     |
| <input type="checkbox"/> Zoning & Planning              | <input type="checkbox"/> Public Safety | <input type="checkbox"/> Special Committee |
| <input type="checkbox"/> Public Facilities              | <input type="checkbox"/> Land Use      | <input type="checkbox"/> No Opinion        |

4. This item should be taken up in committee:

Immediately (Emergency only, please). Please state nature of emergency:

\_\_\_\_\_

- As soon as possible, preferably within a month
- In due course, at discretion of Committee Chair
- When certain materials are made available, as noted in 7 & 8 on reverse
- Following public hearing

PLEASE FILL OUT BOTH SIDES

**Harvard Medical School  
Curriculum Vitae**

**Date Prepared:** September 18, 2017  
**Name:** Aric Parnes  
**Office Address:** Brigham and Women's Hospital, 75 Francis Street, Boston, MA 02115  
**Home Address:** 43 Beverly Road, Newton, MA 02461

**Place of Birth:** Detroit, MI

**Education**

1992	BS	Chemistry and Cellular Molecular Biology	University of Michigan, Ann Arbor, MI
2001	BS, BM, BCh, BAO	Medicine	Trinity College, Dublin, Ireland

**Postdoctoral Training**

07/01-06/04	Resident	Internal Medicine	Dartmouth-Hitchcock Medical Center, Lebanon, NH
07/05-06/08	Fellow	Hematology/Oncology	Yale New Haven Hospital, New Haven, CT
07/07-06/08	Fellow	Hematology	Dana-Farber Cancer Institute, Boston, MA

**Faculty Academic Appointments**

10/2013-present	Instructor	Hematology	Boston Children's Hospital, Boston, MA
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07/2013-present	Instructor	Hematology	Brigham and Women's Hospital, Dana-Farber Cancer Institute, Boston, MA
09/2010-06/2013	Instructor	Hematology/Oncology	Beth-Israel Deaconess Medical Center, Boston, MA

### Appointments at Hospitals/Affiliated Institutions

01/05-6/05	Attending Medicine Hospitalist	Medicine	Griffin Hospital, Derby, CT
06/05-4/08	Attending	Emergency Medicine	Griffin Hospital
06/08-9/08	Attending Locum	Hematology/Oncology	Burbank Hospital, Leominster, MA
09/08-7/10	Attending	Hematology/Oncology	Milford Hospital, Milford, CT
12/08-11/10	Attending	Hematology/Oncology	St. Raphael's Hospital, New Haven, CT
07/09-05/11	Attending	Hematology/Oncology	Yale New Haven Hospital, New Haven, CT
09/10-06/13	Clinical Instructor, Oncology Hospitalist	Hematology/Oncology	Beth Israel Deaconess Medical Center, Boston, MA
07/13-present	Associate Physician	Hematology	Brigham and Women's Hospital, Boston, MA
07/13-present	Associate Physician	Hematology	Dana-Farber Cancer Institute, Boston, MA
10/13-present	Associate Physician	Hematology	Boston Children's Hospital South Shore Hospital, Weymouth, MA
10/13-present	Associate Physician	Hematology	Faulkner Hospital, Boston, MA
07/14-present	Associate Physician	Hematology	St. Elizabeth's Hospital, Boston, MA
07/16-present	Associate Physician	Hematology	Boston, MA

### Major Administrative Leadership Positions

#### **Local**

07/2013-present	Conference Organizer, Hematology Clinic Conference	Brigham and Women's Hospital and Dana-Farber Cancer Institute, Boston, MA
01/2014-present	Associate Director, Boston Hemophilia Center	Boston, MA
03/2015-	Assistant Program Director, Hematology	Brigham and Women's Hospital and Dana-

present	Fellowship Program	Farber Cancer Institute
06/2016-	Hematology Elective Coordinator for the	Brigham and Women's Hospital
present	Internal Medicine Residency Program	

### Committee Service

2008-2010	Blood Bank Committee	Milford Hospital Member
2008-2010	Tumor Board	Milford Hospital Chair
2011-2013	Utilization Review Committee	Beth Israel Deaconess Medical Center Member
2015- present	Partners Pharmacy & Therapeutics Hematology Subcommittee	Brigham and Women's Hospital and Dana- Farber Cancer Institute Member
2017	Multiple Myeloma Recruitment Search Committee	Dana-Farber Cancer Institute Member

### Professional Societies

2005- present	American Society of Hematology	Member
2008-2010	American Society of Clinical Oncology	Member

### Editorial Activities

#### **Ad hoc Reviewer**

Haemophilia

#### **Topic Editor**

DynaMed (online point-of-care evidence-based medical resource for clinicians) – Hematology, Hemophilia section

#### **Co-Editor**

Primary Care: Clinics in Office Practice. Hematology Issue. Elsevier; Philadelphia. 2016.

### Honors and Prizes

1998	Pharmacia and Upjohn Pharmacology Award	Trinity College Dublin	Paper and Oral Presentation
2009-2010	Departmental Award for Excellence in Teaching Nominee	Yale New Haven Hospital	Teaching

### Current Unfunded Projects



2017-present	Principal Investigator; Recurrence Risk and Outcome of Postpartum Acquired Hemophilia in Patients During Subsequent Pregnancy; A retrospective analysis of postpartum acquired hemophilia
2016-present	Site Principal Investigator; A Randomized, Multicenter, Open-label, Phase III Clinical Trial to Evaluate the Efficacy, Safety, and Pharmacokinetics of Prophylactic Emicizumab Versus No Prophylaxis in Hemophilia A Patients Without Inhibitors
2016-present	Co-Investigator; A Single-arm, Multicenter, Open-Label, Phase III, Clinical Trial to Evaluated the Efficacy, Safety, and Pharmacokinetics of Once Weekly Subcutaneous Administration of Emicizumab in Hemophilia A Patients With Inhibitors
2016-present	Principal Investigator; Use of direct oral factor inhibitors in Management of Antiphospholipid Antibody Syndrome; A retrospective analysis of DOACs in APLS
2016-present	Co-investigator; A Phase 3B, Prospective, Randomized, Open-Label, Blind Evaluator (Probe) Study Evaluating the Efficacy and Safety of (LMW) Heparin/Edoxaban Versus Dalteparin in Venous Thromboembolism Associated with Cancer. Clinical trial to determine safety and efficacy comparing dalteparin vs. edoxaban in the treatment of DVT or PE in malignancy
2016-present	Principal Investigator; Romiplostim and Eltrombopag for the Treatment of Chemotherapy Induced Thrombocytopenia (CIT); Retrospective analysis of the use of thrombomimetics to treat CIT.
2014-present	Principal Investigator; Evaluation of Venous Thromboembolism Risk and Thromboprophylaxis in Multiple Myeloma Patients; Retrospective analysis of venous thromboembolism with immunomodulators in multiple myeloma and development of a practice guideline
2014-present	Site Principal Investigator; Banking Study of Precursor Hematologic Malignancies; Collecting serial samples for patients at risk for developing hematologic malignancies and coordinating research using these samples
2014-present	Co-Principal Investigator; Efficacy of rvWF for von Willebrand Disease; Clinical trial to determine safety and efficacy of recombinant von Willebrand factor for patients with von Willebrand disease undergoing surgery
2013-present	Co-Principal Investigator; rFVIII Fc for Hemophilia A – Extension Study; Extension clinical trial investigating safety and efficacy of long-acting recombinant factor VIII in severe Hemophilia A on prophylaxis
2013-present	Co-Principal Investigator; Socialization in Hemophilia; Investigate the social integration of hemophilia patients by interviews and surveys of patients and significant others; this was presented at the poster session in the National Hemophilia Foundation conference in Dallas, 8/2015

## **Report of Local Teaching and Training**

### **Teaching of Students in Courses**

2005	Internal Medicine, Morning Report, and Board Review	Griffin Hospital
	Internal Medicine Residents	1-hour session weekly plus one lecture monthly
2008	Hematology Module	Harvard Medical School
	2 <sup>nd</sup> Year Harvard Medical School Students	Tutor for small groups: Six 2-hour sessions

2009-2010	Medicine – Hematology/Oncology Ambulatory Rotation	Yale New Haven Hospital
	Yale Medical Students	Two half-day clinics per week
2012-2013	Patient-Doctor Course	Harvard Medical School
	2 <sup>nd</sup> Year Harvard Medical School Students	Six 2-hour sessions per semester (two semesters per year)
3/2014-2015	Patient-Doctor II Course	Three 2.5-hour final evaluation sessions
3/2015, 3/2017	Harvard-MIT Health Sciences and Technology, Introduction to Clinical Medicine (HST ICM)	2-hour clinical teaching session per year, multiple small groups

### **Formal Teaching of Residents, Clinical Fellows, and Research Fellows (Post-Docs)**

5/2013	Morning Report for Hematology/Oncology Fellows	1-hour conference weekly
5/2014	Leukemia, Oncology Lecture Series for Residents, Brigham and Women's Hospital	1-hour seminar
7-9/2014 and 7/2016	Anemia, Ambulatory Medicine Conference for Residents, Brigham and Women's Hospital	1-hour lecture, repeated 4x
6/2014	Bleeding, Lecture Series for Physician Assistants, Brigham and Women's Hospital	1-hour lecture
7-9/2014	Anemia, Ambulatory Medicine Conference for Residents, Brigham and Women's Hospital	1-hour lecture, repeated 3x
7/2014, 10/2014	Bleeding, Noon Conference for Residents, Faulkner Hospital	1-hour lecture, repeated twice
11/2014	Premalignant Hematologic Disease, Oncology Lecture Series for Residents, Brigham and Women's Hospital	1-hour seminar
2014-present	Hemophilia for Clinical Fellows, Dana-Farber Cancer Institute	1-hour seminar given twice a year
2015	Invited discussant (stem cell transplant and transfusion reactions) for Resident's Morning Report, Faulkner Hospital	1-hour conference
2015-present	Hematologic Emergencies, Fellowship Orientation, Dana-Farber Cancer Institute	1-hour lecture yearly
2015-present	Bone Marrow Biopsy Microscope Teaching for Fellows, Dana-Farber Cancer Institute	1-hour seminar yearly
9/2015	Hematology Cases and Review for the Wards, Noon Conference for Residents, Faulkner Hospital	1-hour lecture
1/2016	Premalignant Hematologic Disease, Noon Conference for Residents, Faulkner Hospital	1-hour lecture
5/2016	Premalignant Hematologic Disease, Noon Conference for Residents, Faulkner Hospital	1-hour lecture

7/2016	Anemia, Noon Conference for Residents, Faulkner Hospital	1-hour lecture
8/2016	Pre-Op Hematology, Weiner Center for Preoperative Evaluation, Brigham and Women's Hospital	1-hour lecture
8/2016	Anemia, Ambulatory Medicine Conference for Residents, Brigham and Women's Hospital	Two 1-hour lectures
8/2016 10/2016 to present	Anemia, Noon Conference for Residents, Faulkner Hospital The Peripheral Blood smear for Fellows	1-hour lecture 4 hours per year
10/2016- present	Microscope Rounds for Medicine Residents	1.5 hours weekly, teaching residents peripheral blood smear interpretation

### Clinical Supervisory and Training Responsibilities

2005	Internal Medicine In-patient Rotation, Griffin Hospital	Daily Rounds
2005	Internal Medicine Ambulatory Clinic, Griffin Hospital	One Half Day Clinic Per Week
2010- 2013	Hematologic Malignancies and Bone Marrow Transplant, Beth Israel Deaconess Medical Center	In-patient four weeks per year
2013- present	Hematology, Brigham and Women's Hospital and Dana-Farber Cancer Institute	In-patient Hematology four weeks per year
2013- present	ITU (Intensive Teaching Unit), Brigham and Women's Hospital	In-patient Internal Medicine two weeks per year
2013- present	Hematologic Malignancies, Brigham and Women's Hospital	In-patient Leukemia two weeks per year

### Local Invited Presentations

No presentations below were sponsored by outside entities.

2010	Update in Anemia/ Grand Rounds Department of Medicine, Milford Hospital
2010	Update in Anemia/ Grand Rounds Department of Medicine, St. Raphael's Hospital
2010	Update in Anemia/ Hospitalist Lecture Series Medicine Hospitalist, Yale New Haven Hospital
4/2014	Medical Grand Rounds: Case of the Month (Hereditary Spherocytosis) Brigham and Women's Hospital
1/2015	Medical Grand Rounds: Hematology Rounds – Premalignant Diseases Lowell General Hospital
9/2015	Update in Hospital Medicine: Hematology Update and Board Review Boston, MA
11/2015	Medical Grand Rounds: Premalignant Hematology Faulkner Hospital
11/2016	Update in Hospital Medicine: Hematology Update and Board Review Boston, MA (invited, lecture upcoming)

1/2017 Hematology Grand Rounds: ASH Update in Hemophilia, Dana-Farber Cancer Institute

## **Report of Regional, National and International Invited Teaching and Presentations**

### **Invited Presentations and Courses**

#### **Regional**

No presentations below were sponsored by outside entities.

- 2012 Complications and Emergencies in Oncology/ Grand Rounds  
Milford Hospital, Milford, CT
- 2016 Case Presentation, New England Regional Hemophilia Meeting, Hartford, CT
- 2017 Leukocyte Disorders, Cancer Medicine and Hematology Course, Boston, MA

#### **National**

No presentations below were sponsored by outside entities.

- 2012 Complications and Emergencies in Oncology/ Oral Presentation  
Society of Hospital Medicine Annual Meeting, San Diego, CA
- 2016 MedStudy Hematology Board Review, 4-hour lecture, Dallas, TX

#### **International**

No presentations below were sponsored by outside entities.

- 2016 Journey of Hemophilia Patients Towards a Life Without Bleeds: Does Every Bleed Matter?  
SMS Medical College and Hospital, Jaipur, Rajasthan, India
- 2016 Managing Clinical Complications in Hemophilia  
SMS Medical College and Hospital, Jaipur, Rajasthan, India
- 2016 Journey of Hemophilia Patients Towards a Life Without Bleeds  
JLN Medical College and Hospital, Ajmer, Rajasthan, India

## **Report of Clinical Activities and Innovations**

### **Current Licensure and Certification**

- 2004-2013 Connecticut Medical License
- 2008, 2010-present Massachusetts Medical License
- 2004-present American Board Certification in Internal Medicine
- 2008-present American Board Certification in Hematology

### **Practice Activities**

- |              |   |                              |                     |
|--------------|---|------------------------------|---------------------|
| 2013-present | Hematology Inpatient Attending  | Brigham and Women's Hospital | 4 weeks per year    |
| 2013-present | Hematologic Malignancies Inpatient Attending                            | Brigham and Women's Hospital | 2 weeks per year    |
| 2013-present | Hematology Outpatient Clinic Attending                                  | Dana-Farber Cancer Institute | 2 days per week     |
| 2013-present | Hematology Outpatient Clinic Attending, 2 <sup>nd</sup> Opinions Clinic | South Shore Hospital         | 1 session quarterly |

2013- 2014	Hematology Outpatient Clinic Attending for Transition from Pediatrics	Boston Children's Hospital	1 session per month
2014- present	Hematology Outpatient Clinic Attending	Faulkner Hospital	1 session per week
2016	Hematology Inpatient Attending	St. Elizabeth's Hospital	~6 weeks per year

## **Report of Education of Patients and Service to the Community**

No presentations below were sponsored by outside entities.

2014-present	Newton Biosafety Committee/ Member, Newton, MA Bringing Biotechnology industry to Newton
2012-present	Newton Health Advisory Council/ Member, Newton, MA Advising/Aiding Mayor and Health Commissioner; passed city ordinance to curb tobacco use and increase legal age to 21
2014	Boston Hemophilia Center Patient Educational Program Presentation and discussion regarding new long-acting factors
2015	Boston Hemophilia Center Patient Educational Program Educating patients about transition of care (Pediatric to Adult)

## **Report of Scholarship**

### **Peer reviewed publications in print or other media**

#### **Research investigations**

1. **Parnes A**, Nikiforow S, Berliner N, Vanasse GJ. Single nucleotide polymorphisms in the human TNF gene are associated with anaemia and neutropenia in a cohort of patients with de novo myelodysplastic syndrome. *British Journal of Haematology* 2010;150:700-1.
2. Jeong J, Silver M, **Parnes A**, Nikiforow S, Berliner N, Vanasse GJ. Resveratrol ameliorates TNF alpha-mediated suppression of erythropoietin in human CD34+ cells via modulation of NF-kappa-B signaling. *British Journal of Haematology* 2011;155:93-101.

#### **Other peer-reviewed publications**

1. Vaidya AP, **Parnes AD**, Seiden MV. Rationale and clinical experience with epidermal growth factor receptor inhibitors in gynecologic malignancies. *Current Treatment Options in Oncology* 2005;6:103-14.
2. **Parnes A**, Vanasse GJ. A novel regimen incorporating the concomitant administration of fludarabine and alemtuzumab for the treatment of refractory adult acute lymphoblastic leukaemia: a report of three cases. *British Journal of Haematology* 2007;139:164-5.
3. **Parnes A**. Leukocytosis in *Clinical Decision Support: Hospital Medicine*, 1<sup>st</sup> edition, edited by Miller C, Burger A, Lai C, Paha A 2013. Decision Support in Medicine, LLC. Wilmington, DE.
4. **Parnes A**. Basophilia in *Clinical Decision Support: Hospital Medicine*, 1<sup>st</sup> edition, edited by Miller C, Burger A, Lai C, Paha A 2013. Decision Support in Medicine, LLC. Wilmington, DE.
5. **Parnes A**. Paroxysmal Nocturnal Hemoglobinuria in *Clinical Decision Support: Hospital Medicine*, 1<sup>st</sup> edition, edited by Miller C, Burger A, Lai C, Paha A 2013. Decision Support in Medicine, LLC. Wilmington, DE.

6. **Parnes A**, Berliner N. What's New in Scientific American Medicine: Wisely Chosen: Part 1. *Scientific American Medicine* July 2015;38(7):1-2.
7. **Parnes A**, Berliner N. What's New in Scientific American Medicine: Wisely Chosen: Part 2. *Scientific American Medicine* August 2015;38(8):1-2.
8. **Parnes A**, Rotenstein L. Hemophilia. In: *Scientific American Medicine*. Singh AJ, editor. Hamilton: Decker Intellectual Properties; 2016.
9. Rotenstein L, Nathan A, Ghobrial I, Antin J, **Parnes A**. Management of refractory autoimmune hemolytic anemia via allogeneic stem cell transplantation. *Bone Marrow Transplantation* 2016;51(11):1504-6.
10. Zahid MF, **Parnes A**, Savani BN, Litzow MR, and Hashmi SK. Therapy-related myeloid neoplasms – what have we learned so far? *World Journal of Stem Cells* 2016;8(8):231-42.
11. **Parnes A**, Ravi A. Polycythemia and thrombocytosis. *Primary Care* 2016;43(4):589-605
12. Achebe MO, **Parnes A**. Preface. *Primary Care* 2016;43(4):xv-xvi.
13. Chakraborty R, El-Jawahri AR, Lizow MR, Syrjala KL, **Parnes AD**, Hashmi SK. A systematic review of religious beliefs on major end-of-life issues in five major world religions. *Palliative and Supportive Care* 2017;(published online 19 January 2017).
14. Gansner JM, Achebe MM, Gray KJ, Yifidoff-Freedman R, Labovitis E, Parnes A, Connors JM, Connell NT, Discenza MN, Handin RI, Berliner N, Shimamura A, Ginsburg ES, and Smith NA. Pregnancy outcomes in inherited bone marrow failure syndromes. *Blood* 2017;(in press).
15. **Parnes A**. Leukocytosis in *Clinical Decision Support: Hospital Medicine*, 2<sup>nd</sup> edition, edited by Miller C, Burger A, Lai C, Paha A 2017. Decision Support in Medicine, LLC. Wilmington, DE.
16. **Parnes A**. Basophilia in *Clinical Decision Support: Hospital Medicine*, 2<sup>nd</sup> edition, edited by Miller C, Burger A, Lai C, Paha A 2017. Decision Support in Medicine, LLC. Wilmington, DE.
17. **Parnes A**. Paroxysmal Nocturnal Hemoglobinuria in *Clinical Decision Support: Hospital Medicine*, 2<sup>nd</sup> edition, edited by Miller C, Burger A, Lai C, Paha A 2017. Decision Support in Medicine, LLC. Wilmington, DE.

#### **Non-peer reviewed scientific or medical publications/materials in print or other media**

1. **Parnes AD**, Puri R, Lee KS, editors. *Trinity Student Medical Journal*. Dublin; May 2000;1. ISSN 1393-9815.

#### **Abstracts, Presentations**

1. Croteau SE, Holmes CE, Porter JC, **Parnes AD**, Neufeld EJ. Regional Data Supports Need for Uniform Approach to Extended Half-Life (EHL) Product Transition. PO239-TUE. International Society on Thrombosis and Haemostasis (ISTH) Annual Congress, Toronto, June, 2015.
2. **Parnes AD**, Christine Mitchell, Rachel Wentz, Federico Campigotto, Latoya Lashley, Catherine Brunswick, Donna Neuberg, Judith Lin. Socialization in Hemophilia. National Hemophilia Foundation Annual Meeting, Dallas, August, 2015.
3. Smith SL, **Parnes AD**, Leblebjian H. Evaluation of Venous Thromboembolism (VTE) Risk Factors and Thromboprophylaxis in Multiple Myeloma Patients Receiving Immunomodulatory Agents. Hematology/Oncology Pharmacy Association 12<sup>th</sup> Annual Conference, Atlanta, March 19, 2016.
4. Miao J, Leblebjian H, Scullion BF, **Parnes A (oral presenter)**. Single-Center Experience with Romiplostim for Management of Chemotherapy-Induced Thrombocytopenia (CIT). American Society of Hematology, San Diego, December 4, 2016.

## Narrative Report

My career in Hematology/Oncology has been mostly in a clinical setting, initially community office-based, then entirely in-patient at a large academic center. During fellowship, I also spent a year and half in a laboratory focusing on translational research in myelodysplastic syndrome. I am now on staff at Brigham and Women's Hospital and Dana-Farber Cancer Institute, focusing on Hematology. My clinic includes general hematology, but my two areas of interest include bleeding disorders and premalignant hematology such as myelodysplastic syndrome and myeloproliferative neoplasia. In regards to bleeding disorders, I am the associate director of the Boston Hemophilia Center and manage almost all of the adult hemophilia patients in the greater Boston area. We also steer a thriving clinical research program, bringing new therapies to the bedside, such as long-acting factors, monoclonal antibodies, and gene therapy.

I am also part of the Precursor Clinic, a research program studying premalignant hematologic diseases, to gather serial samples from patients with diseases that can transform into hematologic malignancies such as leukemia. I will be collaborating with our colleagues in Hematologic Malignancies at Dana-Farber to bring clinical and translational research to this group of patients as well.

My teaching activities include supervising medical students and residents and teaching Patient-Doctoring at HMS, training 2<sup>nd</sup>-year medical students how to take medical histories and perform physical examinations. I am the Assistant Program Director for Hematology, working with the Hematology/Oncology fellows and fellowship coordinators to develop a complete educational experience as the trainees circumnavigate Hematology. I am excited while finding a balance of clinical medicine, research, and education/teaching, the ultimate combination in academic medicine.

CITY OF NEWTON

IN BOARD OF ALDERMEN

ORDINANCE NO. \_\_\_\_

\_\_\_\_, 2017

BE IT ORDAINED BY THE BOARD OF ALDERMEN  
OF THE CITY OF NEWTON AS FOLLOWS:

That the Revised Ordinances of Newton Massachusetts, 2012, as amended, be and hereby  
are further amended as follows:

Add a new section 12-72 to **ARTICLE IX.** of Chapter 12 as follows:

**Section 12-72 Polystyrene Prohibition.**

(a) **Short Title.** This Section may be cited as the "Polystyrene Prohibition  
Ordinance" of the City of Newton.

(b) **Declaration of findings and policy—Scope.**

The Board of Aldermen hereby finds that the prohibition on the use of  
polystyrene disposable food containers by food service establishments and the  
prohibition on the of sale of polystyrene coolers or other polystyrene containers  
by all food and retail establishments in the City of Newton (the "City") is a public  
purpose that protects the public health, welfare and environment, advances solid  
waste reduction and protects waterways.

(c) **Definitions.**

(1) The following words shall, unless the context clearly requires otherwise,  
have the following meanings:

(a) "Department" means the City's Department of Health and Human  
Services.

(b) "Commissioner" means the City's Commissioner of Health and  
Human Services.

(c) "Disposable Food Container" means single-use disposable  
products used in the restaurant, food service, and food sales industries for  
serving, transporting, or packaging prepared, ready-to-consume, or  
uncooked food or beverages. This includes but is not limited to plates,  
cups, bowls, trays, and hinged or lidded containers. This does not include



single use disposable items such as straws, cup lids, or utensils.

(d) "Food establishment" means an operation that stores, prepares, packages, serves, vends, or otherwise provides food for human consumption, including but not limited to any establishment requiring a permit to operate in accordance with the State Food Code.

(e) "Expanded polystyrene" (EPS) means polystyrene that has been expanded or "blown" using a gaseous blowing agent into a solid foam.

(f) "Polystyrene" means expanded polystyrene which is a thermoplastic petrochemical material utilizing a styrene monomer and processed by any number of techniques including, but not limited to, fusion of polymer spheres (expandable bead polystyrene), injection molding, form molding, and extrusion-blow molding (extruded foam polystyrene. The term "polystyrene" also includes clear or solid polystyrene, which is known as "oriented polystyrene."

(g). "Prepared food" means any food or beverage, whether packaged or prepared for consumption on the food provider's premises, using any cooking or food preparation technique or provided for further food preparation. ~~This does not include any raw or uncooked meat, fish, or eggs unless provided for consumption without further food preparation.~~

(d) **Prohibitions**

- (1) Food establishments are prohibited from dispensing prepared food or beverages to any person in disposable food containers made from polystyrene or expanded polystyrene.
- ~~(1)(2)~~ All food establishments and all other retail establishments are prohibited from the sale of coolers or other containers made from polystyrene or expanded polystyrene.

(e) **Effective Date.**

This Section shall take effect one hundred and eighty (180) days from the date of enactment.

(f) **Exemption.**

- (1) The Commissioner may exempt a food establishment or retail establishment from the requirements of this Section for a period of up to six (6) months, upon a finding by the Commissioner that the requirements of this Section

would cause undue hardship to the food or retail establishment. An "undue hardship" shall mean a situation unique to the ~~food~~-establishment where the ~~food~~-establishment requires additional time in order to draw down an existing inventory of polystyrene or expanded polystyrene disposable food containers, coolers or other containers and compliance with this section would cause significant hardship. Any ~~food~~-establishment receiving an exemption shall file with the Commissioner monthly reports on inventory reduction and remaining stocks.

(2) Any food or retail establishment shall apply for an exemption to the Commissioner using forms provided by the Department, and shall allow the Commissioner or his or her designee, access to all information supporting its application.

(3) The Commissioner may approve the exemption request, in whole or in part, with or without conditions.

(4) The Commissioner, by regulation, may establish a fee for exemption requests.

(g) **Enforcement.**

(1) **Fine.** Any food or retail establishment which violates any provision of this Section or any regulation established by the Commissioner shall be liable for a fine as follows: First offense, warning; second offense, \$100.00; third offense, \$200.00; fourth and subsequent offenses, \$300.00. Each day a violation occurs shall constitute a separate offense.

(2) Whoever violates any provision of this Section or any regulation established by the Commissioner may be penalized by a noncriminal disposition as provided in G.L. c. 40, §21D. For purposes of this section, the Commissioner of the Health and Human Services, or his or her designee, shall be enforcing persons.

(h) **Severability.**

Each separate provision of this Section shall be deemed independent of all other provisions herein, and if any provision of this Section be declared to be invalid by a court of competent jurisdiction, the remaining provisions of this Section shall remain valid and enforceable.

-And-

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

Amend paragraph (b), HEALTH AND HUMAN SERVICES DEPARTMENT, by adding after CITY ORDINANCES, Any offense, the following:

.....PENALTY

Section 12-72. Polystyrene Prohibition Ordinance

- ( ) First offense.....Warning
- ( ) Second offense.....\$100.00
- ( ) Third offense.....\$200.00
- ( ) Fourth or subsequent offenses.....\$300.00

Approved as to legal form and character:

(SGD)  
City Solicitor

Under suspension of Rules  
Readings Waived and Adopted  
\_\_\_ yeas and \_\_\_ nays

(SGD)  
City Clerk

(SGD)  
Mayor

# **TOWN OF BROOKLINE**



## **Article 8.32**

### **Prohibition on the Use of Polystyrene Disposable Food Containers**

## **Article 8.32**

### **Prohibition on the Use of Polystyrene Based Disposable Food Containers**

Effective December 1, 2013, polystyrene food or beverage containers shall not be used in the Town of Brookline to package or serve food or beverages if that packaging takes place on the premises of food service establishments, as defined in Article 8.10.2, within the Town of Brookline.

In the event that compliance with the effective date of this by-law is not feasible for a food service establishment because of either unavailability of alternative non-polystyrene containers or economic hardship, the Director of Health and Human Services may grant a waiver of not more than six months upon application of the owner or the owner's representative. The waiver may be extended for one (1) additional 6 month period upon the showing of continued infeasibility as set forth above.

And by adding a reference to this Article 8.32 in the General By-Laws, Article 10.2 Prosecutions and Enforcement, by including Article 8.32 under the list of by-laws enforceable by the Director of Health and Human Services.

# City of Portland

## Polystyrene Foam Ban Frequently Asked Questions

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### Why is the City of Portland banning polystyrene foam packaging?

- There isn't an economically feasible way to recycle polystyrene foam packaging in our area
- When introduced to the environment polystyrene foam breaks into smaller non-biodegradable pieces that harm/kill marine life and other wildlife
- Alternatives to Polystyrene are readily available

### What packaging products are made from polystyrene foam?

- Polystyrene foam, also known (incorrectly) as Styrofoam®, is often used to make cups, bowls, plates, trays, clamshell containers, meat trays and egg cartons.

### Who does this ordinance affect?

- Food Packagers:  
Anyone within Portland who places meat, eggs, bakery products, or other food in packaging materials for the purpose of retail sale of those products
- Establishments preparing food:  
Restaurants, cafeterias, food trucks, convenience stores, shops, grocery stores, delicatessens or other vendors located within Portland offering prepared food for retail sale.

### What does this mean to affected establishments?

- No food packager or retail establishment in Portland shall serve or sell prepared food and no food packager shall package meat, eggs, bakery products or other food in polystyrene foam containers.
- The City of Portland shall not use, purchase or otherwise acquire polystyrene foam food or beverage containers.
- Parties who contract with the City shall not use polystyrene food or beverage containers at any city facility or on projects within the City that are funded (in whole or in part) by the City.
- Retailers may not offer polystyrene foam products such as cups, plates, trays or coolers for sale.

### Are there any exemptions?

- The sale and packaging of **raw** seafood is exempt from this ordinance. Cooked seafood is **not** exempt.

### What happens if the ordinance is violated?

- A fine not exceeding \$250 for first violation in a one year period
- A fine not exceeding \$500 for the second and each subsequent violation in a one year period

### When does this ordinance go into effect?

- April 15, 2015

Order 261-13/14

Passage as Amended: 6-3 (Mavodones, Coyne, Leeman) on 6/16/2014      Effective 4/15/2015

MICHAEL F. BRENNAN. (MAYOR)  
KEVIN J. DONOGHUE (1)  
DAVID A. MARSHALL (2)  
EDWARD J. SUSLOVIC (3)  
CHERYL A. LEEMAN (4)

**CITY OF PORTLAND**  
**IN THE CITY COUNCIL**

JOHN R. COYNE (5)  
JILL C. DUSON (A/L)  
JON HINCK (A/L)  
NICHOLAS M. MAVODONES, JR (A/L).

**AMENDMENT TO PORTLAND CITY CODE**  
**CHAPTER 12 GARBAGE, WASTES AND JUNK**  
**ARTICLE VII and ARTICLE VIII. POLYSTYRENE**  
**RE: POLYSTYRENE FOAM**

**BE IT ORDAINED BY THE CITY COUNCIL OF THE CITY OF PORTLAND,  
MAINE IN CITY COUNCIL ASSEMBLED AS FOLLOWS:**

1. *That Article VII, Rendering Wastes, of the Portland City Code is hereby amended and a new Article VIII is hereby enacted to read as follows:*

- Sec. 12-206. Reserved.**
- Sec. 12-207. Reserved.**
- Sec. 12-207. Reserved.**
- Sec. 12-208. Reserved.**
- Sec. 12-209. Reserved.**

**ARTICLE VIII. POLYSTYRENE**

**Sec. 12-210. Findings; purposes.**

The city council hereby finds as follows:

- (1) Polystyrene foam is a petroleum-based, lightweight plastic material sometimes used as food service ware by retail food vendors operating in the City of Portland.
- (2) The City of Portland desires to protect the natural environment.
- (3) There is no economically feasible means of recycling polystyrene foam locally.
- (4) Disposable food containers made from polystyrene foam constitute a portion of the litter in Portland's streets, parks and public places that increases city maintenance costs.

- (5) Polystyrene foam is a common pollutant that fragments into smaller, non-biodegradable pieces that are ingested by marine life and other wildlife thus harming or killing them.
- (6) The State of Maine has banned the service of food and beverages in polystyrene foam containers at facilities or functions of the State or its political subdivisions (38 M.R.S. §§ 1651-1654).
- (7) The City's goal is to replace polystyrene foam food containers with reusable, recyclable or compostable alternatives.
- (8) Such alternatives are readily available.

#### **Sec. 12-211. Definitions.**

As used in this Article the following terms have the following meanings:

"*Food Packager*" means any person located within the City of Portland who places meat, eggs, bakery products, or other food in packaging materials for the purpose of retail sale of those products;

"Prepared food" means food or beverages which are served at the food vendor's location having been previously prepared elsewhere or are prepared at the vendor's location by cooking, chopping, slicing, mixing, brewing, freezing or squeezing. "Prepared food" does not mean raw uncooked meat or eggs. Prepared food may be eaten either on or off premises.

"Polystyrene foam" means and includes blown polystyrene and expanded and extruded foams (sometimes incorrectly called Styrofoam®, a Dow Chemical Company trademarked form of polystyrene foam insulation) which are thermoplastic petrochemical materials utilizing a styrene monomer and processed by any number of techniques including, but not limited to, fusion of polymer spheres (expandable bead polystyrene), injection molding, foam molding, and extrusion-blow molding (extruded foam polystyrene). Polystyrene foam is generally used to make cups, bowls, plates, trays, clamshell containers, meat trays and egg cartons. For the purposes of this chapter, the



term "polystyrene" shall not include clear polystyrene known as "oriented polystyrene."

"Retail Vendor" means any person, restaurant, store, shop, sales outlet or other establishment, including without limitation, a grocery store, convenience store or a delicatessen located within the City of Portland which offers prepared food for retail sale.

**Sec. 12-212. Prohibitions.**

(a) No retail vendor in the City of Portland shall serve or sell prepared food and no food packager shall package meat, eggs, bakery products or other food in polystyrene foam containers.

(b) No retail vendor in the City of Portland who sells tangible personal property at retail shall sell polystyrene foam food or beverage containers.

(c) The City shall not use polystyrene foam food or beverage containers at any City facility or City-sponsored event.

(d) No City department or facility shall purchase or acquire polystyrene foam food or beverage containers.

(e) All parties who contract with the City shall be prohibited from using polystyrene foam food and beverage containers in City facilities or on City-funded projects within the City.

**Sec. 12-213. Exemptions.**

(a) The sale and packaging of raw seafood is exempt from the provisions of this Article.

(b) Retail vendors and food packagers that are currently existing or are established in the city by the effective date of the ordinance will be exempted from the provision of this Article prohibiting the use of polystyrene foam for a period of time to be determined by the City Manager or his/her designee in writing on a case-by-case basis for undue hardship. Undue hardship includes, but is not limited to, situations unique to the food vendor not generally applicable to other persons in similar circumstances.

(c) Retail vendors, food packagers, city departments, city facilities and contractors shall be exempt from the provisions of this Article, in a situation deemed by the City Manager to be an emergency for the immediate preservation of the public peace, health or safety.

**Sec. 12-214. Violations and enforcement.**

The City Manager or his/her designee(s) shall have the primary responsibility for enforcement of this Article. If the City Manager or his/her designee(s) determine(s) that a violation of this Article has occurred, he/she shall issue a written warning notice to the food vendor that a violation has occurred. Subsequent violations of the Article shall be subject to the penalties set forth below.

Violations of this Article shall be punishable by fines as follows:

- (a) A fine not exceeding \$250 for the first violation in a one-year period;
- (b) A fine not exceeding \$500 for the second and each subsequent violation in a one-year period.

**Sec. 12-215. Effective Date**

(a) This Article shall become effective on April 15, 2015.

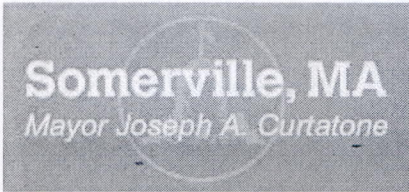
(b) This Article shall be null and void if and as long as there is developed and maintained an effective city-wide recycling program approved by the City's Director of Public Services for polystyrene foam food and beverage containers.

(c) The provisions of this Article shall be null and void on the day that statewide legislation or federal legislation goes into effect, incorporating either the same or substantially similar provisions as are contained in this chapter, or in the event that a pertinent Maine or federal administrative agency issues and promulgates regulations, preempting such action.

**Sec. 12-216. Severability.**

If any part or provision of this Article or the application thereof to any person or circumstances is held invalid, the remainder of the Article, including the application of such part or provision to other persons or circumstances, shall not be

affected thereby and shall continue in full force and effect.  
To this end, provisions of this Article are severable.



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Departments

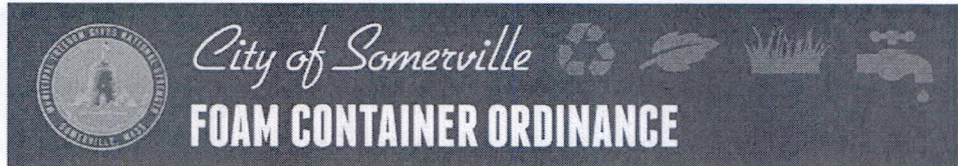
Residents

Businesses

Government

Home > Foam

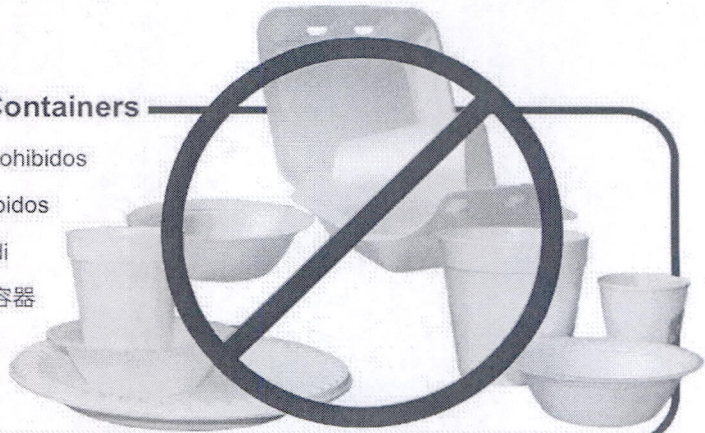
### City of Somerville Foam Container Ordinance



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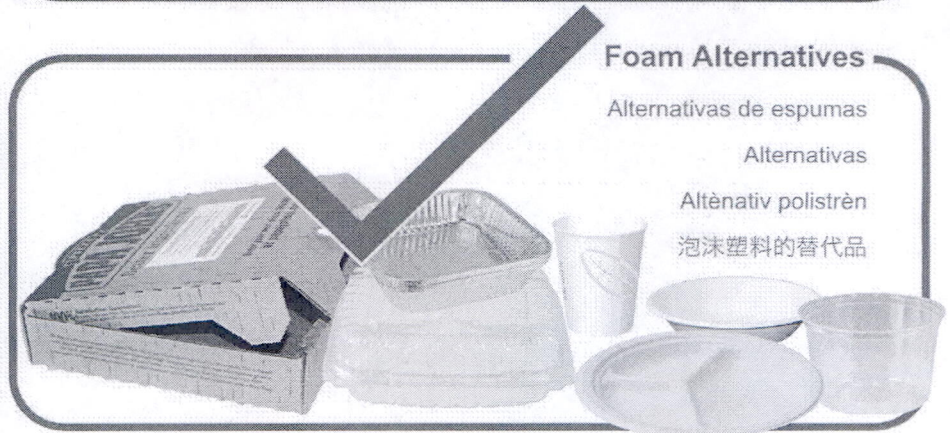
#### Prohibited Containers

- Contenedores prohibidos
- Recipientes proibidos
- Resipyan ki intèdi
- 禁止使用的餐盒容器



#### Foam Alternatives

- Alternativas de espumas
- Alternativas
- Altènativ polistrèn
- 泡沫塑料的替代品



**View Sample Products and Pricing:**  
*Environmentally Friendly Products*



*Many businesses have already transitioned to foam container alternatives. Contact your current vendors to see what options are available. You can view*

sample products and pricing at this link: <http://bit.ly/1wsDZIZ>



**Alternative materials include:**

- Paper/cardboard
- Plastic
- Aluminum
- Biodegradable plastics (corn, soy, potato, etc.)
- Compostable materials from plant fibers (sugar, bamboo, rice, etc.)

**Who does this apply to?**

- Any business that requires a permit from the Somerville Board of Health
- Any business that provides prepared food for customers
- Eat-in restaurants
- Take-out restaurants
- Food trucks
- Fast-food establishments
- Delis
- Food vendors

**Why are foam containers prohibited?**

- Expanded polystyrene, which is made of oil, is not biodegradable and can break into small pieces. As a result, litter from foam containers is very durable and hard to clean up, making our streets and parks dirty.
- Foam containers are not easily recyclable. They add to the amount of trash that we must pay to send to landfills and incinerators.
- The key ingredient in polystyrene was added to the U.S. Department of Health's list of carcinogens (cancer causing agents).

**Who does this apply to?**

- The Inspectional Services Division (ISD) will inspect for the use of prohibited foam food containers during pre-operational and routine inspections, as well as at the time of food license renewal.

First Offense	Second Offense Within 1 Year	Third and Subsequent Offense
Warning	\$100	\$300

**Call 311 (or 617-666-3311) for general information or specific questions regarding alternatives to foam.**



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# FOAM CONTAINER BAN ENFORCEMENT BEGINS

Sep 03, 2014

FOAM CONTAINER BAN ENFORCEMENT BEGINS

## FOAM CONTAINER BAN ENFORCEMENT IN EFFECT, INFORMATION SENT TO BUSINESSES

*Information about alternative products provided as City begins enforcement of ordinance*

SOMERVILLE - Somerville restaurants and food-related businesses were sent a letter and fact sheet in August detailing the City's ban on the commercial use of expanded polystyrene, commonly known as Styrofoam or foam, along with information about alternative products those businesses can use and the penalties for violating the ordinance that are now in effect.

The ban affects restaurants, delis, food trucks and other food-related businesses, which are no longer allowed to use foam for cups, plates and carry-out containers. Alternatives include paper and cardboard, plastic, aluminum, biodegradable plastics and compostable materials. Businesses are being encouraged to contact their current vendors to see what alternative options are available. Many businesses in Somerville have already transitioned to foam container alternatives, and all are required to comply.

Beginning Oct. 1, Inspectional Services (ISD) will inspect for the use of prohibited foam food containers during pre-operational inspections, routine inspections and during food license renewals. A first violation of the foam ban will result in a warning, a second violation will result in a \$100 fine, and third and subsequent violations will result in a \$300 fine.

The Board of Aldermen unanimously passed the polystyrene ban ordinance in May 2013 prohibiting Somerville restaurants and food establishments from using polystyrene, which is not biodegradable or easily recyclable and contains an ingredient on the U.S. Department of Health's list of carcinogens.

"The City of Somerville is sharing in the commitment to reduce foam use-this year, Somerville Public Schools stopped using expanded polystyrene trays to serve meals," said Oliver Sellers-Garcia, City Director of Sustainability and Environment. "We look forward to working with our local businesses and encourage them to reach out with any questions they may have, so they

can transition to other materials for their business."

"The Board of Aldermen passed this ordinance last year because of the impact expanded polystyrene has on our personal health and the health of the environment," said Ward 6 Alderman Rebekah Gewirtz, chairwoman of the Board of Aldermen's Legislative Matters subcommittee. "Our local businesses have been great partners with the City in reducing our impact on the environment, increasing our recycling and making Somerville a healthier city for all, and I know they will partner with us on this initiative too to rid our city of polystyrene."

For more information about the foam ban in Somerville and the fee schedule for violations, please visit [www.somervillema.gov/foam](http://www.somervillema.gov/foam) [1], call 311 or contact the Office of Sustainability and Environment at 617-625-6600 ext. 5070. Questions regarding enforcement of this ordinance or other Board of Health regulations should be directed to the ISD Health Division at (617) 625-6600, ext. 4331. All information online is available in English, Spanish, Portuguese, Haitian Creole and Mandarin Chinese.

### **Styrofoam Recycling Day, Sat., Sept. 13**

The City will host a Styrofoam Recycling Day on Saturday, Sept. 13 from 9 a.m.-12 p.m. at the Department of Public Works, located at 1 Franey Rd. Businesses and residents are welcome to bring any unused or clean foam containers and packaging materials for recycling.

[news](#) [2]

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**Links:**

[1] [HTTP://www.somervillema.gov/styrofoam](http://www.somervillema.gov/styrofoam)

[2] <http://www.somervillema.gov/category/news-rrs-feed/news>

# Polystyrene Foam Disposable Packaging & Price With Comparable Alternatives

ITEM	FOAM	UNIT COST	ALTERNATIVES	UNIT COST	COST DIFFERENCE
<b>12oz Hot Cup</b>	Dart White Customizable Foam - 1000/Case \$29.49	\$0.03	Choice White Poly Paper - 1000/Case \$32.99	\$0.03	<b>\$0.00</b>
<b>12oz Cold Cup</b>	Dart White Customizable Foam - 1000/Case \$29.49	\$0.03	Dart Solo Bare Eco-Forward Wax Treated Paper - 2000/Case \$107.99	\$0.05	<b>\$0.02</b>
			Choice Poly Paper - 2000/Case \$57.99	\$0.03	<b>\$0.00</b>
<b>16oz Hot Cup</b>	White Customizable Foam - 1000/Case \$42.99	\$0.04	Choice 16 oz. White Poly Paper Hot Cup - 1000/Case \$38.99	\$0.04	<b>\$0.00</b>
<b>16oz Cold Cup</b>	White Customizable Foam - 1000/Case \$42.99	\$0.04	Choice Clear PET Plastic - 1000/Case \$46.99	\$0.05	<b>\$0.01</b>
			Dart Solo Bare Eco-Forward Wax Treated Paper - 1000/Case \$36.99	\$0.04	<b>\$0.00</b>
			Choice Poly Paper - 1000/Case \$36.99	\$0.04	<b>\$0.00</b>
<b>10in Plate</b>	Dart Quiet Classic White Laminated Foam - 500/Case \$32.99	\$0.07	Dart White Famous Service Impact Plastic - 500/Case \$46.99	\$0.09	<b>\$0.02</b>
			EcoChoice Biodegradable, Compostable - 500/Case \$42.99	\$0.08	<b>\$0.01</b>
<b>7in Plate</b>	Dart Quiet Classic White Laminated Foam - 1000/Case \$43.99	\$0.04	Dart White Famous Service Impact Plastic - 1000/Case \$49.99	\$0.05	<b>\$0.01</b>
			EcoChoice Biodegradable, Compostable - 1000/Case \$33.99	\$0.03	<b>-\$0.01</b>
<b>9x9x3 Hinged Container</b>	Dart White Foam - 200/Case \$16.49	\$0.08	Durable Packaging Duralock Clear Plastic - 200/case \$36.49	\$0.18	<b>\$0.10</b>
			EcoChoice Biodegradable, Compostable - 200/Case \$33.49	\$0.17	<b>\$0.09</b>
			Rectangular Foil Pan with Board Lid - 250/Case \$47.99	\$0.19	<b>\$0.11</b>
			Choice Kraft Microwavable Paper - 200/Case \$29.99	\$0.15	<b>\$0.07</b>
<b>6x6x3 Hinged Container</b>	Dart White Foam - 500/Case \$20.49	\$0.04	Durable Packaging Duralock Clear Plastic - 500/Case \$44.99	\$0.09	<b>\$0.05</b>
			EcoChoice Biodegradable, Compostable - 500/Case \$46.99	\$0.09	<b>\$0.05</b>
			Choice Kraft Microwavable Paper - 300/case \$37.99	\$0.13	<b>\$0.09</b>
			All prices from The WEBstaurant Store (www.webstaurantstore.com), October 2017.		
			Lower prices (up to 25% less) may be obtainable through cooperative purchasing.		
			Compiled by Green Newton.		