



June 2017

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## Upcoming Events

### **NRC/RMC Sustainable Materials Management Webinar Series**

*Title: Animal Mortality Composting II*

June 20, 2017

1:30-2:45pm ET

[Register Here](#)

### **The Association of Plastic Recyclers 2017 Web Seminar Education Series**

*Title: Caps On Bottles and Containers*

June 20, 2017

1:00pm-2:15pm ET

[More Information](#)

### **NRC Award Nominations Due**

Due June 30, 2017

[Learn More](#)

[Apply Here](#)

## NRC Seeking Executive Director Candidates



The National Recycling Coalition (NRC) Board of Directors is excited to announce that it is seeking interested candidates to serve as the

**NRC Executive Director.** As the NRC is nearing its 40th year as the national recycling network of more than 6,000 members through 23-affiliated recycling organizations, we seek a strong individual that conveys the voice of the NRC membership.

The National Recycling Coalition is a non-profit organization that is focused on the promotion and enhancement of recycling in the United States. The organization works to maintain a prosperous and productive recycling system that is committed to the conservation of natural resources, as well as accelerate sustainable approaches to the management of discarded materials.

To accomplish our [strategic goals](#), the Board of Directors desires to **hire an Executive Director** to represent the organization, address national recycling issues, raise the funds necessary to accomplish its mission, expand the NRC membership, and build a stronger voice through its partners.

Are you the right person for this mission? Are you ready to be a national voice for recycling? Can you raise funds for the mission of the NRC? Can you travel on behalf of the NRC? If so, the NRC needs your service!

Sincerely,  
Bob Gedert, NRC President  
Mark Lichtenstein, NRC Executive Director Search Committee Chair

Please review [Application Details Here](#)  
View a [PDF version of the Job Announcement Here](#)

### Application Instructions

Cover letters, resumes, references, and inquiries are accepted electronically only. Correspondence should be directed to Mark Lichtenstein, NRC Executive Director Search Committee Chair at

## 2017 ARC Expo

Alabama Recycling Coalition

July 12-14, 2017

[Learn More](#)

## Free Webinar

Title: *New Innovations in Compostable Flex Packaging: Design, Materials, and the End of the Line*

July 13, 2017

10:00-11:15am PT/1:00-

2:15pm ET

[Register Here](#)

## NRC Board of Directors Meeting

July 14, 2017

Via GoToWebinar

[More Information](#)

## Professional Recyclers of Pennsylvania 2017 Annual Conference

King of Prussia, PA

July 26 - 28, 2017

[More Information](#)

## Missouri Recycling Association 2017 Conference

Osage Beach, MO

August 9 - 11, 2017

[More Information](#)

## California Resource Recovery Association Annual Conference & Tradeshow

August 20 - 23, 2017

[More Information](#)

## Next NRC Board of Directors Meeting

The NRC will be holding a Board of Directors meeting via GoToWebinar on July 14, 2017 from 2:00-4:00PM EST.

[More Details](#)

## Member Spotlight

In this new series, NRC member updates will be featured in the eNews. Have a member update of your own to share? Email [Savannah Betkowski](#), NRC Staff to have it featured in the next NRC eNews!

## Are you part of the NRC Google ListServe?

As an NRC Member you have access to the knowledge and experience

[malichte@me.com](mailto:malichte@me.com)

## 2017 Resource Recycling Conference

*Help Sponsor NRC Events!*

NRC welcomes the opportunity to organize an educational track and host other association events at the Resource Recycling Conference. The Resource Recycling Conference is being produced this year by Resource Recycling, Inc. in partnership with NRC, and in alliance with the Recycling Association of Minnesota (RAM), Minnesota Chapter of SWANA, and Waste360. The Conference will be held August 27-30, 2017 at the Hyatt Regency Minneapolis.



NRC invites you to sponsor NRC's educational, networking and association events that will be held at the Resource Recycling Conference. Sponsoring NRC's events at the Resource Recycling Conference provides you the perfect opportunity to reach nearly 600 recycling professionals including policy leaders, CEOs and government officials. Funds secured for sponsorship for NRC's events held at the Resource Recycling Conference help NRC continue to bring top quality programming to events nationwide. NRC invites you to consider the following sponsorship opportunities:

### *Recycling Markets Town Hall*

One of the most exciting contributions that NRC is making to the Resource Recycling Conference is the organizing of the Markets Development Town Hall Networking session. This session will engage state recycling association decision makers directly with markets development organizations, much like a town hall gathering. This comprehensive assembly of the recycling supply chain, collections through end markets, is to establish relationships, dialogue, and business opportunities through expansion of our common knowledge. NRC's goal is to facilitate relationship building and better understanding of markets development concerns.

As of May 13, the following organizations have committed to participate: Northeast Recycling Council, Southeast Recycling Development Council, Steel Recycling Institute, Institute of Scrap Recycling Industries, Glass Packaging Institute, Association of Plastics Recyclers, Keep America Beautiful, American Forest & Paper Association, Paper Recycling Coalition, Construction & Demolition Materials Recycling Association, The Recycling Partnership, Carton Council, Rubber Manufacturers Association, U.S. Environmental Protection Agency.

The Markets Council is continuing to request trade association participation. Register now for Resource Recycling to meet these connections, find new resources, and inspire your market development efforts locally!

[Click here for more information](#)

### *National Policy Session*

#### **"Recycling Policies in the new Administration"**

Minnesota Senators Al Franken and Amy Klobuchar and Representative Keith Ellison are invited to highlight trade policies and bringing recycling manufacturing jobs home to the U.S.

of thousands of NRC members through a GoogleGroups forum. [Sign up](#) today!

For more information on NRC member benefits [click here](#)

### Please Note

#### \*Change of Address\*

All communication, payables and/or receivables should be mailed to the following address ONLY:

National Recycling  
Coalition, Inc.  
727 East Washington  
Street  
Syracuse, NY 13210

### 2016-2017 NRC Board

Susan Attridge,  
City of Buffalo

Stephen Bantillo,  
NRC Vice President, NRC  
Policy Committee Co-Chair,  
NRC Elections Committee  
Chair,  
Recycling Certification  
Institute  
California

Gary Bilbro,  
NRC Vice President and NRC  
Fund Development Chair,  
General Manager, Key  
Energy LLC

Robert J. Bylone, Jr.,  
NRC Recycling Markets  
Council and Recycling Jobs  
Task Force Chair,  
Pennsylvania Recycling  
Markets Center  
Pennsylvania

Maggie Clarke,  
Maggie Clarke  
Environmental

Jack DeBell,  
NRC Campus Council Chair,  
University of Colorado  
Colorado

George Dreckmann,  
City of Madison  
Wisconsin

Paul England,  
NRC Vice President,

### Recycling Organizations Training

Nuts & bolts organizational development training for state recycling organization leaders.

### Awards and Murray J. Fox Scholarship Ceremony during joint NRC/RAM Welcome Back Fundraising Reception

NRC Awards will recognize outstanding programs, individuals, communities, and businesses that are leading the charge for recycling, organics, and waste reduction.

NRC Murray J. Fox Scholarships will introduce the students who received Murray J. Fox Scholarships to attend Conference.

### Meet and Greet

**Reach your key customers** by hosting a casual Meet and Greet at a local restaurant near the Conference Hotel on Sunday night, August 27 or the larger Welcome Back Reception Fundraiser for NRC and RAM on Monday night, August 28.

**Your support will** provide you the opportunity to reach some of the most influential industry professionals and support NRC's educational, networking and association events to be held at the Resource Recycling Conference.

**To learn more** about sponsorship levels and sponsorship details, [click here](#).

### For more information contact:

Gary Bilbo, 336-416-3156, [email](#)  
Savannah Betkowski, 202-618-2107, [email](#)

## March 2017 President's Message

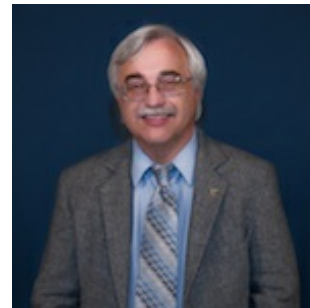
*By Bob Gedert*

Proud to be a Recycler!

As I travel through airports, I'm always frustrated at the inconvenience of limited recycling opportunities. Yet, I often see the brighter side of recycling as I travel. Recently, at the Chicago O'Hara Airport I saw a small child - about six years old - carry an empty water bottle up to a friendly TSA agent and asked him if he would recycle it. It seemed there was no recycling bin in sight, but she really wanted to be assured it got recycled! The TSA agent smiled and agreed to carry it to the nearest recycling container (and I observed that he did so promptly - Chicago does recycle!).

Often, we see articles in the news depicting recycling as a frustrating activity that perhaps has no real purpose. Many people see no positive attributes to their efforts to recycle, as it disappears from the curb to an unknown destination. Some buy into the conspiracy theory that it's an elaborate means to landfill the material. Others, just simply don't put much thought behind it and toss it in the trash.

And then there are those, untrained, yet caring, that go to great lengths to recycle that bottle at the airport - or at the fairgrounds - or at school - or walking downtown. As many negative hits on recycling today, there are many more who are really trying to "do



Midwest Region General  
Manager, Pratt Industries

MaryEllen Etienne,  
Executive Producer,  
ReuseConex

John Frederick,  
Intermunicipal Relations  
Committee COG  
Pennsylvania

David Juri Freeman,  
NRC Chair,  
Senior Consultant,  
Resource Recycling Systems

Bob Gedert,  
NRC President,  
Affiliate Senior Consultant,  
Resource Recycling Systems

Marjie Griek,  
NRC Vice President and  
Treasurer, NRC Finance  
Committee Co-Chair, NRC  
Strategic Planning  
Committee Co-Chair,  
Pearl Consulting

Carey Hamilton,  
Indiana Recycling Coalition

Brent Hildebrand,  
NRC Membership  
Committee Chair,  
Alpine Recycling and  
Waste  
Colorado

Doug Hill,  
EcoVision Environmental  
Ontario

David Keeling,  
Steel Recycling Institute

Gary Liss, NRC Vice  
President, NRC Conference  
Committee Chair, SMM  
Committee Chair, NRC  
Strategic Planning  
Committee Co-Chair,  
Gary Liss & Associates  
California

Maite Quinn, NRC  
Communications  
Committee Co-Chair,  
Sims Municipal Recycling/  
Sims Metal Management  
New Jersey

Antonio Rios,  
Puerto Rico Recycling  
Coalition

the right thing". And with that thought, consider the history of recycling behind us.

Glass recycling can be traced back as far as Ancient Rome. Glass recycling can also be traced back to the Incas of South America. Paper recycling dates back to Ancient China. The first paper mill in the US was built in 1690 in Pennsylvania and used the Chinese method of shredding old rags and clothes into individual fibers to make paper.

The recycling of metals has a rich history impossible to trace to its origins, but my favorite story is that of the American Revolution. Paul Revere recycled old kitchen tin/copper plates and cups, and recycled spent lead bullet casings, mixed the two as heated liquid, and as it cooled it became "blue pewter." The story goes that he sold the blue pewter to the rich clients of Boston, kept half the proceeds for support of his family and donated the other half to support the American Revolution. Not sure what parts are true and/or fiction, but it makes me proud to claim Paul Revere as a recycler!

As you are a member of the NRC, I'm proud you are a recycler!

## Together, We Are Recycling!

Sincerely yours,



Bob Gedert  
NRC President

### 2017 Awards

#### NRC Award Nominations

*Due June 30, 2017 at 5pm Eastern*

The National Recycling Coalition announces the "Call for Nominations" for the 2017 Awards - with awards presented at the Resource Recycling Conference August 28-30, 2017 in Minneapolis. **Spread the word!!** Nominate the best programs or individual you know in the following categories:

**NRC's Lifetime Achievement Award** - recognizing an outstanding individual with a lifetime of leadership and dedication to the field of recycling.

**Bill Heenan Emerging Leader Award** - recognizing an outstanding individual aged 35 or under who has emerged as a leader in the field.

**Outstanding Recycling Organization** - awarded to a State Recycling Organization with outstanding growth, programs, leadership, or which has made a substantial impact on the field.

**Outstanding Business Leadership** - awarded to a for-profit company showing leadership, innovation, and success as a corporate model in recycling and diversion.

**Outstanding Non-Profit Business Leadership** - awarded to a not-for-profit company showing leadership, innovation, and success as a corporate model in recycling and diversion.

**Outstanding Community or Government Program** - awarded to a public (community/governmental) program showing innovation, progress,

Puerto Rico

Will Sagar,  
Southeast Recycling  
Development Council  
North Carolina

Lisa Skumatz, NRC Secretary  
and Awards Committee  
Chair,  
Skumatz Economic  
Research Associates &  
Econservation Institute  
Colorado

Michael E. Van Brunt, NRC  
Finance Committee Co-  
Chair,  
Covanta  
New Jersey

Robin Wiener,  
Institute of Scrap Recycling  
Industries  
Washington, D.C.

Melissa Young,  
NRC Communications  
Committee Co-Chair,  
Syracuse University  
New York

## eNews Staff

NRC eNews Editor



[Savannah Betkowski](#)

or success as a model for other public programs

**Outstanding Higher Education Program** - awarded to a college/university with an exceptional program in recycling or in connecting higher education and the industry in the areas of degrees, tech transfer, career services, etc.

[Click here](#) to learn more about each award criteria and what you will need to do in order to submit a nomination. You may self-nominate or nominate a worthy candidate! Be sure to get your nominations in before **June 30, 2017 at 5pm Eastern**.

## [Nominate Here](#)

For any questions, please contact [Lisa Skumatz](#)

## North Carolina Letter of Support

Earlier this week, the National Recycling Coalition (NRC) offered a letter to the North Carolina's State House Representatives and Senators. This letter offered NRC's strong support of North Carolina's Division of Environmental Assistance and Customer Service (DEACS). The DEACS is a vital economic and environmental asset for the State of North Carolina and has made North Carolina a national leader in recycling and waste diversion.

Through this letter of support, the NRC urges North Carolina's elected officials to continue their support of DEACS.

[View the Letter of Support Here](#)

## Affiliate Highlights

### Virginia Recycling Association (VRA) Elections



Please help welcome the newly elected Board of Directors to the [Virginia Recycling Coalition](#) (VRA), Joe Bendetto (Recycling and Disposal Solutions of Virginia (RDS)); Stephanie Hicks (Trex); and Kristi Rines (City of Virginia Beach). Returning Board of Directors include John Birkholz, Erica Carter and Debbie Spiliotopoulos. Congratulations!

## GreenEducation.US Announces First Graduating Class

*By Judi Gregory*

In September, 2016, GreenEducation.US (GreenEd), an on-line education portal for sustainability professionals, became the first organization to have its training program accredited in California by the National Standards Certification Board of the National Recycling Coalition. In January, classes commenced, and this month GreenEd, graduates its first class of fourteen (14) Certified Sustainable Resource Management Professionals (CSRMPs).



GreenEducation.US co-founder, Judi Gregory noted "It was nice to see all the years of hard work and preparation come together. We had a great group of participants and are looking forward to offering the course again in the Fall."

The certification program provides a 32-hour online, web-based, professional training program in Sustainable Resource

Management and Zero Waste. The goal is to ensure that individuals working in solid waste, recycling, reuse and other related industries have a practical understanding of key policy and programs that affect the management of waste and recyclables.

[Continue Reading Here](#)

## Understanding FOG

*By Gary Bilbro, Key Energy, LLC*

So what happens with the billions of gallons of discarded Fats, used cooking Oil and Grease generated at the millions of restaurants, homes and all the other food service establishments all over this country? Well if you think there is a magical grease ferry that comes in the middle of the night and removes it, you are partially right.



This FOG material comes from the fryers that cook your favorite French fries and the grease that falls off of your double cheese burger when it is being cooked. That bacon grease from the Breakfast House down the street or the fat drippings coming off that baked chicken at the grocery store. All of this waste product must be captured, secured and made available to the grease gurus that come in the middle of the night to collect it or clean it up.

In all my years of working in waste and recycling, I have never seen a waste product that needs more attention than the FOG material being generated by the billions of gallons each year. Unfortunately, even today there are many that will put this down the drain, or put it in a container and throw it in the trash. Neither of which is the best thing to do and in some States is illegal to do.

[Continue Reading Here](#)

## Industry Updates

### **The Association of Plastic Recyclers (APR)**

[The Association of Plastic Recyclers](#) (APR) is "The Voice of Plastics Recycling." APR works to enhance quality and increase supply through technical resources, testing programs, design solutions, corporate training, regulatory leadership and education programs.

#### *Recycling Beyond Bottles Toolkits*

The APR strives to expand the recycling of plastic material through the development of resources to support state and local solid waste management and recycling officials to enhance their collection programs, increase the amount of material collected by those programs, and add value to the bottom line. Each of the toolkits below provide a variety of resources to support recycling rigid plastics beyond bottles including: Success Stories, Market Information, Education, Flowcharts and Videos, Remanufacturing Information, and Frequently Asked Questions.

[Click Here](#) to learn more about each program.

#### *Plastic Recycling Videos*

Through a variety of educational programs and resources APR advocates the recycling of all plastics.

[Click here](#) to view the full list of educational videos.

### *Web Seminars*

[Click here](#) to learn more about the upcoming 2017 APR Plastics Recycling Web Seminar Education Series. You can also reference previous 2017 webinar recordings and PowerPoints.

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## **Latest innovation in MRF robotics rolls out**

*By Jared Paben*

*Re-printed from Resource Recycling*

In the not-too-distant future, artificial intelligence may see and control all that's happening in a recycling facility. But first, it's going to do some work on a quality control line.

Eugene, Ore.-based equipment company Bulk Handling Systems (BHS) recently announced it has installed its first artificially intelligent robot. The Max-AI Autonomous QC robot is working behind an optical sorter at a Los Angeles materials recovery facility (MRF) to remove contamination from the PET plastic stream.

Development of the technology - and its first commercial deployment - were the result of a year-and-a-half-long collaboration with Spain-based robotics startup Sadako Technologies.

[Continue Reading Here](#)

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### *What We're Reading*

***How a Supreme Court ruling on printer cartridges changes what it means to buy almost anything***

"It's a precedent-setting ruling and a decisive win for reuse", says MaryEllen Etienne of Reuse International. "By ruling in favor of Impression Products the U.S. Supreme Court is helping consumers and tech companies extend the life of useful products through repair and manufacturing. This decision removes barriers for reuse and supports the highest and best use of manufactured goods"

[Click Here to view the Full Article](#)