

SPRING 2014 VOL. 25, No. 1

# URBAN ISSUES

Newsletter of the Urban Resources Initiative at the Yale School of Forestry & Environmental Studies



Emerge team after planting their first tree of the fall 2013 season. From left to right: Juan, Melvin, Shamell (kneeling), Duwan, Tayron, and Anthony

#### BEYOND THE GARDEN WALLS

In memory of Javier Martinez, Asdrubal Bernier Jr., Michael Cobb, Deveron McLaughlin, and Shamar Willet

by Dylan Walsh We are in the season of growth. We can look up and watch day after day as tree crowns fill with leaves. The warming sun glows through the leaves and their veins fan out in thin filaments. Animals emerge. The air is sweet and mild. His trees, the trees planted by Javier Martinez, take part in all of this—the thickening boles, their strengthening roots. His saplings will mature and grow old with the melancholy aura of living memorials.

Javi worked with URI's GreenSkills program in the spring and fall of last year. Early in the morning on December 28th as Javi was walking to visit a friend, he was shot and killed in the Fair Haven Heights neighborhood of New Haven. He was a senior at Common Ground High School at the

time, enjoying winter break. He would have been the first in his family to attend college.

The loss was abrupt for Javi's family, friends, and community; it was abrupt for URI, which, through its GreenSkills program, fulfills a straightforward mission: to provide training and short-term employment to New Haven's vulnerable populations. GreenSkills started in 2007, recruiting high school students to plant trees around the city. Three years later, the program expanded to work with recently released ex-offenders who were striving to reintegrate into normal life-a transition defined by difficulties, one of the foremost securing a steady income.

In this issue:

**Remembering Javi** 

4

The Fight to Protect Healthy Trees

5



**NEW HAVEN / URBAN RESOURCES** INITIATIVE, Inc.

**Yale School of Forestry** & Environmental Studies Sir Peter Crane, Dean

**Hixon Center for Urban Ecology** Gaboury Benoit, Director

**URI Faculty Advisor** Mark Ashton William R. Burch, Jr.

#### **URI Staff**

Colleen Murphy-Dunning Christopher Ozyck Margaret Carmalt Anna Ruth Pickett

#### New Haven/URI **Board Members**

Anna Bartow, President Kendrick Baker Claire Bennitt Josephine Bush Heidi Coutu Gordon Geballe Christine Kim Laurence Nade Sara Ohly **Erik Pearson Britton Rogers** Joseph Ryzewski Errol Saunders Semi Semi-Dikoko **Betty Thompson** Rebecca Vollmer Harry Wexler

**Urban Issues** Dylan Walsh, Editor

**URBAN ISSUES** Spring 2014 Vol. 25, No.1

www.yale.edu/uri

## FROM THE DIRECTOR



Our primary work, planting trees, is a hopeful act. Each newly planted tree will grow mature. It will improve the quality of our environment and community. It turns out that this basic act is difficult to carry out in a city.

The built environment has to be considered. We must check for underground utilities—gas and water lines—and avoid planting in those locations in case of maintenance. We must not block drivers' sight lines where we plant. Species need to be site-appropriate. Design considerations demand the trees fit and nicely frame their surrounding landscape; overhead utility lines demand trees that do not create pruning problems. We cut concrete to expand tree pits while heeding laws on the width of the sidewalk. These challenges are balanced by a growing body of knowledge on the value of urban trees, from improvements in air quality

and carbon sequestration, to storm water run-off mitigation, enhanced property values, and reduced home energy use. As Mikey Hirschoff describes in her article on pages 5-6, despite these myriad benefits, perfectly healthy street trees throughout Connecticut face risk of removal by the electric utilities, who, without evidence, cite risk to the power lines. We all agree that hazardous trees should be removed. But healthy trees should not be blindly felled. They should be considered within the complex system described above—a complexity that the electric utilities are choosing to ignore.

The social and economic fabric of our city creates even greater complexity. Twenty years ago we began our Community Greenspace program to empower and support volunteers in neighborhood improvements. Tree by tree Greenspace volunteers hope to make their communities a better place to live. In 2007, we launched our green-job program, "GreenSkills," giving teens an opportunity to learn to plant trees under the mentorship of Yale students. Our hope was that the teens would learn from these role models—how they advanced to college and why they were pursuing environmental careers. Three years later, we expanded GreenSkills to include ex-offenders trying to return to the community in a positive way. Yale interns Gina and Abigail write about Javier Martinez, part of last spring's GreenSkills team, who was the victim of a senseless murder in December. We were stunned by this tragic news. His life cut so short made our tree planting seem superfluous.

Two weeks ago, with hundreds of others, I attended a meeting about the utilities' plans to remove all trees within eight feet of their lines. The narrow-minded remarks by United Illuminating presented a simple and naive vision of our city. Yes: our electricity is important. But so is the benefit of a tree—to its environment, to our communities, and to the youth of this city who would rather commemorate life than death. At that meeting, several of Javi's classmates and fellow interns spoke of their friend, how, together, they had worked so hard to plant trees. They demanded protections to serve his memory. And through them, my optimism returned. Our trees do more than improve the environment. They stand as symbols of memory and hope. They demonstrate our commitment to a better future.

Colleen Murphy-Dunning

### **Beyond the Garden Walls**

(continued from page 1)

"Once men and women are released, they historically just want to work,' said Mark Wilson, the business manager at Emerge Connecticut. Emerge helps New Haven's ex-offenders with the hunt for employment. The Emerge crews work on job sites Mondays through Wednesdays. On Thursdays and Fridays, Emerge provides social and educational development classes in its offices. URI partnered with Emerge around the time of its founding in 2010, enlisting men and women to help meet the city's tree-planting goals. Last year, four men formerly associated with Emerge were killed. It was the first year the organization lost anybody.

New Haven ultimately tallied 20 homicides over the course of 2013. Eighteen of these were by gunshot, including Javi and three of the four men from Emerge. Eighty percent of the victims were under the age of 35. Numbers alone impart no meaning, contain no narrative, but they do contribute to a larger story: at the close of the GreenSkills workday, high school students and former inmates follow the same routine. They clean and organize the equipment truck. If there's time, they talk about what went well and what didn't. They circle round and put in their hands and lift them skyward and release a cheer. Then they walk or take the bus home along the city's streets, through its loosely contained chaos. They likely cross over the invisible social chasms that divide rich from poor, that cut along racial lines and manifest in the housing stock, in the availability of neighborhood services and well-appointed schools and community safety. They return to unknown difficulties.

Employment is often touted as a great leap toward greener pastures. For high school students, productive work is a capsule for learning the basics of responsibility. A job helps kids to mature while diverting them from typical adolescent trouble. For ex-offenders, productive work is viewed as a keel of deep draft: it keeps men and women on a straight course toward better outcomes. Jobs are associated with reductions in the average rate of recidivism, which is somewhere around 60 percent: two in three ex-offenders are expected to return to prison within three years.



GreenSkills high school crew working together to position a linden tree. From left to right: Denzel, Ross, Allie, Josh, Lovell

But five deaths proximate to the work the newsletter, but recent events make of URI illuminate the profound and persistent challenges beyond simply employment—the challenges faced by many of the people that URI serves. "I liken the problem to a rocket finding to East Rock. The work of URI is a escape velocity," said Mark. "One means to an end, a tool used to build part of the effort is, of course, having a richer, safer, stronger city imbued a job. But there are other essential throughout with a sense of opportunity. components, like education and better decision-making." Social forces beyond the control of any individual can snuff even the fiercest attempts at self-improvement. One of the men at Emerge described a pounding sense of futility: "I try new things," he said, "and every time I feel like a door closes. No matter how hard I try to open new doors, they just keep closing."

This broad struggle gets to the heart of the work done by GreenSkills: as much as it's about a job, it's about giving people and their communities an opportunity to make things better. rewrite the next stanza by 2018. GreenSkills aims most loftily to connect "people to their communities, their environment, and each other." This idea is frequently discussed in *newsletter and a freelance reporter*.

clear its true importance. The work of URI signifies something greater than planting trees, inventorying species, or organizing bike rides from West Rock By planting trees, URI hopes to celebrate the infinite richness of life and stamp out the need to mourn its

At the age of fourteen, while in middle school, Javi composed a poem memorializing the death of a classmate and friend. Nate, who was killed by gun violence. "A / Keen / Cylindrical sin / Thrusted / Profoundly / Into his / Essence," Javi wrote. Four years later, we're reading the tragic refrain. In concert with other organizations around the city, perhaps URI can help

Dylan Walsh is the editor of the

#### **Remembering Javi**

**by** In the fall and spring of 2013. Gina Javier Martinez worked with **Blankenship** GreenSkills. Gina Martinez and Abigail Carney, both students at Yale, were fortunate to supervise him. Here they reflect on the planting season and Javi's warm presence.

> Gina Blankenship: One of the first times we worked side-by-side digging a hole together, Javi and I talked about going to college. He would be the first in his family, as I had been. At that time, he was thinking about attending Gateway Community College in New Haven for the first couple years to save money before transferring to get a degree from a four-year school. The last time that I heard from him, he talked about studying something related to the environment, likely influenced by his education at Common Ground High School. Perhaps his work with URI had strengthened this interest. He described his passion for learning and also his strong commitment to family and serving his community.

Javi was such a pleasure to work with. He was always positive and thoughtful Javier Martinez at work—inquisitive in his desire to learn new things—as well as caring, respectful, and patient toward others. He was often smiling and always gentle in his nature. I grew to care about him a lot and was looking forward to hearing of his achievements. I often pass by trees in my neighborhood that Javi and the team planted together. I think of us all holding hands and singing to the tree after planting each tree got a name and a welcome song. It was cheesy, but also really sweet. His death is a real tragedy for the community, his family, and friends. He will be missed and remembered.

Abigail Carney: I had the privilege of working with Javi during his internship with URI in the fall and spring of this past year. He worked hard. He was respectful, good-natured,

One Saturday, Harry, Javi, and I were the only healthy workers around. At I was devastated when Nariah, one



impenetrable wood. After about an hour, it became clear that we would need power tools to dig deep enough for a new tree. We refilled the hole and walked to our next site at Fort Hale Park.

I was worried we wouldn't have time to plant the trees planned for us, but Javi told me that he and Harry had it under control. Javi and Harry raced me on their first tree and planted it in record time. As Javi removed the wire basket nicked his arm. He kept smiling, and tore off a piece of his undershirt to use as a makeshift bandage. Javi kept working and we planted the other trees so quickly that we had time to walk down to the Fort Hale Park beach and look out on Long Island Sound. It was April, the and strong. His spirit was inspiring. weather was finally warm, and I was grateful to be beside Javi and the others.

opening in the concrete was filled with Our team had a tradition of standing around our trees after they were in the ground, joining hands, and chanting, "Trees need people, people need trees. Welcome—" And then we'd say what we'd named the tree. Everyone had a tree, or multiple trees, named in his or her honor. Whenever I walk or bike past a "Javi" or "Harry" tree that's growing strong, I feel proud of our crew.

Javi planted trees that are going to give to New Haven for a long time. The same is from around the tree's root ball, he true of his memory, which will remain a source of inspiration and love for all of those who had the chance to know him.

Gina Blankenship has participated in URI's GreenSkills programs with both high school students and adults. She was a Greenspace intern last summer and is a Master's student at the School of Forestry and Environmental Studies. Abigail Carney is an undergraduate our first planting site, our shovels of Javi's crewmembers, told me what at Yale University, where she has met an unyielding stump. We took had happened. Everyone on our crew contributed to the Yale Daily turns pickaxing, but the narrow loved, and will continue to love, Javi. News and Yale Literary Magazine.

#### The Fight to Protect Healthy Trees

Michelle (Mikey) Hirschoff

by Public opposition has been growing in communities throughout Connecticut to the use of rigid line clearance standards by electric utilities. Such standards result in the removal of healthy street/roadside trees or drastic pruning that disfigures and weakens a tree. Of greatest concern is Enhanced Tree Trimming (ETT). It calls for removal of all tall and tall-growing trees that, at any vertical point, cross a plane within 8 feet on either side of the outermost electric distribution wires from ground to sky. Connecticut Light & Power (CL&P) is using ETT aggressively on many of its distribution lines. United Illuminating (UI) plans to use it for all of its distribution lines over an eight-year period, beginning in June. In New Haven, this could result in the loss of about 50 percent of the city's street trees.

> In the past, UI has achieved excellent power reliability in typical New England weather using directional pruning that permits a substantial tree canopy to remain around the wires. In the 17 towns UI serves, the consequences of a shift to ETT could be drastic. In the accompanying photo of Edwards Street in New Haven, the tree at front right and all of the trees on the left would be removed, leaving unsightly wires and poles, and probably 3 foot high stumps. (UI has not committed to stump grinding and replanting.)

> The utilities claim that ETT is necessary to prevent significant power outages in future major storms, but evidence from Tropical Storm Irene and the October Nor'easter in 2011 casts doubt on that claim. The roadside forest, especially in more rural areas, had not been adequately maintained to remove hazardous trees and branches prior to these storms. The Public Utilities Regulatory Authority (PURA) has estimated that 78 percent of the treerelated power outages resulted from trees that fell from outside the area with utility wires. In some rural towns, the percentage was 90 percent. In addition, no solid evidence exists that wholesale removal of healthy tall trees within the wire area is necessary to achieve power reliability in major storms. A more effective alternative is to focus on removal of hazardous trees and branches that could fall on utility infrastructure, wherever located, and on pruning of healthy tall and tall-growing trees, as UI has done in the past.



If United Illuminating goes ahead with its tree management plan, all of the trees on the left of Edwards Street (pictured here) will be removed.

URI and the Garden Club of New Haven (GCNH) became concerned that the State was moving toward a policy of overly in response to the power outages. We submitted a joint letter to the Two Storms Panel on December 21, 2011, urging a balanced approach to the issue of trees and power reliability that included investment in laying wires underground where feasible, investment in stronger utility infrastructure, and removal of hazardous trees and branches. also set forth the numerous economic. environmental, aesthetic, and societal benefits of healthy street/roadside trees and urged that they not be unnecessarily removed.

Governor Malloy had established the Two Storms Panel to determine what should be done to prevent long-term power outages in the future. Among the Panel's recommendations in its report to the Governor in January 2012 were measures directed toward removal of hazardous trees, and a call for the establishment of a State Vegetation Management Task Force (SVMTF or Task Force) by the Department of Energy and Environmental Protection (DEEP) to make recommendations for vegetation management standards for roadside trees. A working group of the Task Force helped draft legislation that became effective income neighborhoods of New Haven, July 1, 2013. The legislation defines where most residents are renters, unable appropriate vegetation management and pruning by the utilities, incorporating

the Task Force recommendations for trees to be retained until DEEP adopts standards. It also preserves the statutory aggressive pruning and removal of trees right of tree wardens to regulate utility tree removal and pruning and ensures that abutting property owners receive notice and can object.

> Under State legislation enacted in 2012, PURA was required to establish standards for utility tree pruning and removal based on the recommendations to be made by the SVMTF. PURA must now also ensure that the standards are compatible with the 2013 legislation. GCNH and URI have submitted many comments on the proposed standards. GCNH also testified at a PURA public hearing on July 31, 2013. Together and separately, we have detailed the costs of removing healthy, tall street/roadside trees, including loss of community character, reduced property values, increased energy costs, reduced mental and physical health, increased storm water runoff and flooding, increased air pollution, and reduced carbon capture. We have also noted the more severe impact of ETT on dense urban and suburban neighborhoods, where street trees may be the only trees in the neighborhood to provide these benefits. This impact could be particularly pronounced in the lowto object to removal or pruning of trees abutting their homes.

> > (continued on page 6)

## The Fight to Protect Healthy Trees

(continued from page 5)

On November 19, 2013, PURA issued its Draft Decision on "tree trimming standards," mandating rigid line clearance standards and ETT. SVMTF filed Exceptions to the Draft Decision on December 13 because the Task Force recommendations explicitly reject "one size fits all" standards and wholesale removal of healthy tall and tall-growing

As a result of substantial public opposition to UI's plans for the use of ETT and consequent tree removal in a pilot project in Hamden-Hamden Mayor Scott Jackson ultimately halted use of ETT— PURA scheduled Technical Meetings and public comment meetings. The March 6 meeting at Hamden Middle School was attended by about 400 people, and 60 signed up to speak.

The first speakers were New Haven's Mayor Toni Harp and the City's tree warden, Christy Hass, who adamantly insisted that each proposed tree removal would be examined and that only hazardous trees would be removed. They were followed by Speaker Brendan Sharkey, Senator Martin Looney, and Representative Michael D'Agostino, all of Hamden, who are working on legislation to address many of the concerns. Both URI and GCNH spoke. In addition to public comments about the importance of healthy, tall trees and the lack of evidence to support their removal for power reliability, the utilities were criticized for a failure to adequately train and supervise the subcontractor work crews. Concerns were also expressed about ensuring that abutting property owners actually receive notice.

After the meetings PURA requested that the utilities suspend their use of ETT until a Final Decision is issued. Both utilities declined. The utilities

will, however, comply with tree warden refusals to permit ETT and abutting property owner objections to ETT, and will not appeal to PURA pending a Final Decision. Thus, towns and their residents can still prevent ETT from happening while PURA continues to deliberate—a critical step in a case that has not yet been

For detailed information, please visit www.gardenclubofnewhaven.org and http://environment.yale.edu/uri/

Mary-Michelle (Mikey) Hirschoff, a member of the Garden Club of New Haven, is a retired lawyer with substantial experience in Connecticut municipal law, including the laws governing tree wardens and utility tree pruning and removal. She played an active role in the adoption of a 1981 statute on town scenic road ordinances.



URI participated in last spring's Rock to Rock Earth Day Ride in a big way with 81 wonderful riders in our green "Get rooted in New Haven" tees. A heartfelt thanks goes to all the riders and especially the 30 riders who raised donations from 194 donors, raising \$11,112 for URI. We hope you will join this year's team or support a rider with a donation by April 26, 2014. To do either, go to: http://rocktorock.donordrive.com/ team/URIteam

## 2013 and 2014 Hixon Fellows **Research Projects**

In addition to 2013 fellows and the 2014 cohort, The Hixon Center this year will be sending three Research Fellows, Uma Bhandaram, Dawn Henning, and Dana Baker, to the New York City Field Station to inaugurate a new research partnership program. The names of the fellows and their research project titles are below.

#### 2013 Hixon Fellows:

Esther Rojas-Garcia - Global vs. Local Net Climate Impacts of 10 Top Megacities

Savd Randle -Water Recycling in Urban Southern California: Politics, Practices, and Pragmatics

Caitlin Feehan - Creating a Model for Cities to Develop Green Infrastructure Plans

Matthew Fried - Urban Wood Utilization Potential in New Haven: A Feasibility Study

Kate Hagemann - Coastal Adaptation to Climate Change: Rebuilding a Living Coastline

Meredith Azevedo - Spatial Linkages between the Growth of Urban Centers and Major Global Cropping Areas: Historical Relationships and Contemporary Conditions

Zulimar Lucena - Factors controlling nitrogen removal in urban stormwater constructed wetlands

#### 2014 Hixon Fellows:

Jamie O'Connell - A Century of Salt Marsh Migration in Long Island Sound: Understanding Migration into Upland Habitats

Yesenia Gallardo - Latino perceptions: A Portland, Oregon study on how Latina women conceptualize alternative foods

David Jaekel - Water Resource Management & Drought: What can LA learn from Australia's Millenium Drought.

Selena Pang - Influence of Root Structure and Media Composition on the Water Budgets of Coastal Rain Gardens

Emily Zink - Human-Wildlife Cohabitation in an Urban Context: Managing Urban Spaces to Increase Habitat Connectivity and Decrease Wildlife-Vehicle Collisions in Calgary, AB

# **Many Thanks To Our Most Recent Donors**

**Individual Donors:** Emily Aber and Robert Wechs Kenya Adams-Martin Mariann Adams-Seama Deborah M Addington Susan Addiss Nike Adeyeye Nancy and Myles Alden Bruce Alexander Martha Alexander Nancy Alexander and Phillip Be Sheldon Altman Barbara and Richard Angle Marion Appelquis Meg Arenberg Mark Ashton Elizabeth Babalola David Baker Kendrick Baker Shannon Raker Sherill Baldwin Patrick Barbery Jonathan Barde Janet Barese Onon Bayasgalan Kirsten and Dave Bechtel Claire Bennitt Eric Berger Zachary Berk Jennifer Berkett Tim Bertaccini Dwight Biddle Amy Biddle William Bidwell Patricia and Brereton Bissell Nona and Kent Bloomer Jessica Braden Kathleen and Robert Bradle Joan Brame Liz Brennan Heather Brennison Alexandra Breslin Mary Bridges Linda Briggs Lynn Brooks JB Broussard Josiah Brown Cristina Brunet and Joseph Craf Carolann Buckley Sue Bucknam Elizabeth Burbank Bill Burch Maureen Burke Cecily Burrill Julie Burrill Nancy Burrill Josephine and Jonathan Busl Jeannette Byers Anne and Guido Calebresi Lisa and Charles Carmalt Margaret Carmalt Belinda Chan and Peter Schot Tom Chaplik Carol Chenev

Famon Duffy William Dyson Matt Eckelma Libby Edson Debbie Edwards Ann and Red Erda Kai Erikson John Evans Remo Fabbri Caitlin Feeha Jessica Feinleib Julie, Sam & Sylvia Felde Lisa Fernandez Stephanie Fitzgerald and Frank Cochran Anne and Tony Fitzgerald Joy and Brin Ford Kristina Ford Kathleen Fornal and Kevin McCarthy Kate and Chad Fortun Kyra Frankel Sue and Robert Frew Lynn Fusco-Hughes Margaret Gallaghei Benjamin Gardner Matthew Garrett Josh Geballe Shelley and Gordon Geballe Eugénie and Brad Gentry Toddie and Chris Get Joseph Gerhardstein Daniel Gerhardstein Wendy Gifford Earl Giller Beth Gilson and Joel Cogar Carl Goldfield Uromi Goodale Rebecca Gratz Jeanie and Bill Graustei Tim Gregoire Inderpal Grewal and Al Jesse Carl Gulliver Sondra Haller Eric Hansen Daniel Headrick Elizabeth and David Henry Peter Hill Mikey and Jon Hirschoff Susan Holahan Elaine Piraino-Holevoet and Don Holevoe Rachel Holmes Judith and James Hopkins Jacob Holzberg-Pill Bill Horne Adrian Horota Walt Horton Melissa Hunt Karen Hvun Mary Ann Jacob Laura Jarett Casey Jogers Dwavne Johnson John Jones Hannah Justus Pat Kalba Anneliza Kaufe Dan Kazer

Lucille Keegan

Suzanne Kelley

Kiki and Ted Kennedy

Lisa Keegan

Priscilla and Robert Dannie

Alex Davis

Joanne DeBernardo

Victoria DeCillo

Doreen DelRianco

Tracy Dembicer

Ann Diamond

Carol Dickerman

Carly Dickinson

Chris Donnelly

Amity Doolittle

Nancy Duble

Susan Duffy

Conor Duff

Ken Dixon

Jayne Di Vincenzo

Gretchen and Charles Kingsley Meghan and George Knight David Krause Robert Kreitler Jackie Kruszewski Maureen Kyle Aimlee Laderman Elizabeth and Miles Lasate Margaret LaVin Lvnn Fusco-Hughes Margaret Gallagher Benjamin Gardner Matthew Garrett Josh Geballe Shelley and Gordon Geballe Eugenie and Brad Gentry Toddie and Chris Getn Joseph Gerhardstein Daniel Gerhardstein Wendy Gifford Earl Giller Beth Gilson and Joel Cogar Lauren Glasscock Carl Goldfield Uromi Goodale Rebecca Gratz Jeanie and Bill Graustei Tim Gregoire Inderpal Grewal and Al Jessel Carl Gulliver Sondra Haller Eric Hansen Daniel Headrick Elizabeth and David Henry Peter Hill Mikey and Jon Hirschoft Susan Holahan Dan Holevoet Elaine Piraino-Holevoet and Don Holevoet Rachel Holmes Judith and James Hopkins Jacob Holzberg-Pill Bill Horne Adrian Horotan Melissa Hunt Sally Hutcheson Karen Hyun Mary Ann Jacoby Laura Jarett Casey Jogerst Dwavne Johnson John Jones Pat Kalba Anneliza Kaufer Dan Kazer Lucille Keegan Lisa Keegan Suzanne Kelley Jody Kelly Kiki and Ted Kennedy Christine Kim Gretchen and Charles Kingsley Meghan and George Knight Ruth Koizim David Krause Robert Kreitler Jackie Kruszewski Maureen Kyle Aimlee Laderma Elizabeth and Miles Lasate Margaret LaVin Marjorie and Anthony Lee Molly LeVan

Millie Legenhauser

Jacqueline Lewin

Jerome Lewine

Reid Lifset

Yi-Wen Lin

Dexter Locke

Henry Lord

Sarah Lyda

Henry Lowendorf

William Lynam

Laura Macaluso

Valerie and Thomas Lehtone

Carolyn and William Liebe

Helaine and Lawrence Lipsher

Mira Manickan Hugh Manke Jennifer and Chris Marchand Laura Margolin and James Johnso Barbara Marks Susan Martinez Se Therese Mason Peter Maxson Katherin McArth Shirley McCarthy Barbara and William McCullough Erika McClarin Marc McKee Mikailah McKee Gaelen McKee Katherine McKenzie and Craig Crews Julia McNamara Patrick Meehan Madeleine Meel Barbara Melotto Kristin Merony Susie Metrick Amv Metzel Daniel Metzel J Edward Meyer Roz and Jerry Meve Danielle Miley Sharon Milikowsky Arthur Milliken Frank Minja Michele Montagna Michael Morand Marta Moret and Peter Salove Charles and Johnnie Mosle Kate & Barry Muchnick Angelique Murphy Bridget Murphy Colleen Murphy-Dunning and Gary Dunning Robert Musco Arthur Nacht Susan Bryson and Larry Nadel Robert Narracci Robert Neel Judith Nugent and Drew McDermott Sara Ohly Anne Olcot Rosie and Chris Ozvel Mary Palazzo Cesar Pelli Sarah Percy Alison Pezanoski-Brown Max Piana Molly Pickall Kevin Pickett Anna and Casey Pickett Sara Pierson Diane Piraino William Platt Robert Platt Priscilla Platt David Platt Leslie Radcliffe Rosie Ramirez Renate Recknagel Bridget Rines Susanne Roberts and Stephen Victor Britton Rogers Katherine Romans Larry Romans Emily Romans Carol and Stephen Ross Sarah Rowan Barbara Rudolph Constance Ruth Joe Ryzewski

Rachel and Joshua Sandma

Jane Savage and Mark Van Aller

Errol Saunders

John Sawyer Otto Schaefer

Stephanie Schank

Karen Schneider

Carol and Sandy Schreiber

Anne and Marc Schwartz

Heni and Morris Schwartz

Anne Schenck

Merit Scotford and Bill Keegan Margretta and John Seashor Deborah and Edwin Selden Sumana Serchan Anne Sergeant Sandra Shaner David Shimchick Jean and Bruce Sielaff Georgia and Robert Seaman Leigh Shemitz and Chris Winters David Silverstone Cary Simmons Vanitha Sivarajan Helen Sin Catherine and Brian Skinner Robert Smut Judith Snow Travis Snow Karela and Richard Snyde Denise Soesilo Judy Sparer Melissa Spear and Roger Hathaway Pam Stanton Kim Stoner Donald Strai Tom Styron Shel Swanson and Michael Stratto Patricia Syvertser Violet Talbot Betty Thompson David Totman James Travers Delia Valentine Annmarie Valentine Luciano Virgili Rika Visser Sally and Hank Voegeli Rebecca Vollme Allan Wagner Caleb Walsh Pat Walsh Maureen and Frank Walsh Lindsey Walters Susan Waters Tom Waters Bonnie Ward Michael Ward Barbara Wareck and Charles Perroy Harry Wexler Suzanne Whitty and Andrew Zehne Prescott Wiske Laura Wooley Sarah Wyatt Susan Yolen Angus Young David Zakur Stephen Zakur George Zdru Jessica Zonarich Corporate/Foundation Donors: Alliance for Community Tree Audubon

Bikram Yoga City of New Haven Community Foundation for Greater New Haven CT Dept. of Energy & Environmental Protection CT Urban Forest Council Fusco Management Company William and Jean Graustein Fund Jana Foundation Law Offices Of John Keyes Lion's Pride Foundation

Mabel Fischer Grant Foundation Meyer Foundation New Haven Ecology Project New Haven Festivals Inc Greater New Haven Green Fund

Sassafras Foundation Town of Hamden United Illuminating Urban Forestry Organization

Webster Bank

Yale Class of 1964 Yale Club of New Haven Yale Office of State & New Haven Affair

Star Childs

Laura Chopko

Theodore Clark

David Coon

Suzanne Cooney

Lucinda Cutler

James Daley

Andrew Daly

Constance Clemen

Roxanne and Kevin Coads

Diana and Peter Cooper

Katha and John Cox

Heidi Coutu and John Maturo

Donna and William Curran

Elinor and Peter Crane

Virginia Crawford

Louisa Cunningham and William W. Kelly

Jennifer Christiansen and Joel Tolman

195 Prospect Street New Haven, CT 06511-2189

T: 203 432.6570 F: 203 432.3817 www.yale.edu/uri NON-PROFIT US POSTAGE P A I D PERMIT 526 NEW HAVEN



