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**ENVIRONMENTAL  
PROTECTION  
AGENCY -  
RESEARCH  
TRIANGLE PARK  
(EPA-RTP)**

**GREENING OUR LABS**



## OUR FACILITY

- Shared 550-acre campus with the National Institute of Environmental Health Sciences (NIEHS)
- 1.2 million square feet of office, laboratory, computer and conference spaces
- The largest facility ever built by EPA (not leased from GSA)
- Host to 15 different EPA offices and are the largest laboratory facility for EPA
- 100+ acre site; 85-acres of natural area



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# OUR TEAM



Kaitlin Hartman

Office of  
Mission  
Support

Facility Operations  
Facility Engineers,  
support-services  
Large-scale facility  
projects

National Research Centers  
Laboratory Operations  
Research scientists

Office of  
Research and  
Development

# Our EMS

Office of Air  
and  
Radiation

Develops national  
programs, policies,  
and regulations for  
controlling air  
pollution



Julia Alderete



Denise Scott

# WHY ARE GREEN LAB PROGRAMS IMPORTANT?



More energy than  
office spaces



More water than  
office spaces



Pounds of plastic  
waste each year

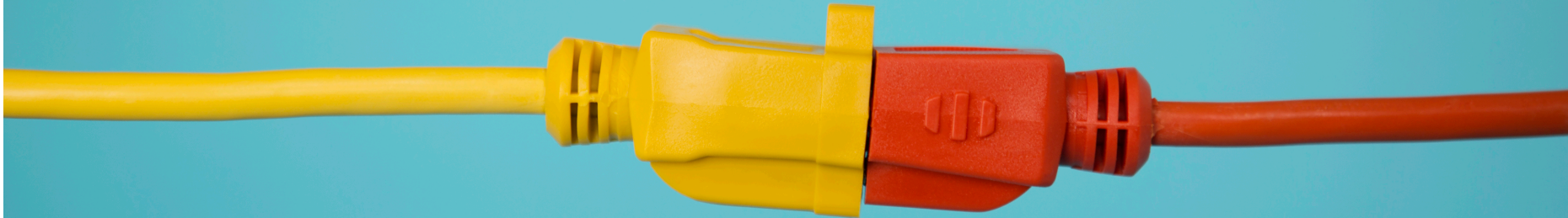


**LABS ARE RESOURCE INTENSIVE SPACES**

# OUR APPROACH TO GREENING OUR LABS

Large scale facility-related

Lab initiated





# FACILITIES IMPACTS



Matt Pait

## ENERGY

**51%**  
since 2003

Replacement to LED  
Upgrades to laboratory  
ventilation  
Motion activated lighting  
Tuning and recommissioning  
of existing capital equipment

## WATER

**53%**  
since 2007

Low flow toilets/ urinals  
Automatic faucets  
Condensate capture  
Removal of all irrigation

Check out our video!

# EPA-RTP EMS: GREENING OUR LABS AT EPA-RTP







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# THANK YOU FOR COMING!

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