

US EPA ARCHIVE DOCUMENT



# ***School IPM Update***

## ***PPDC IPM Workgroup***

Center of Expertise for School IPM  
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May 13, 2015

# Agenda

- School IPM Recognition Program
- Resource Investments
- Planning Documents
  - Strategic Plan
  - HQ & Regions' Workplans
- Center Activities
- Grants
- WA School IPM Enhancement Pilot
- Assessing Progress



# *School IPM Recognition Program*

Incentive-based program to award public school districts for implementing IPM

Great Start

Leadership

Excellence

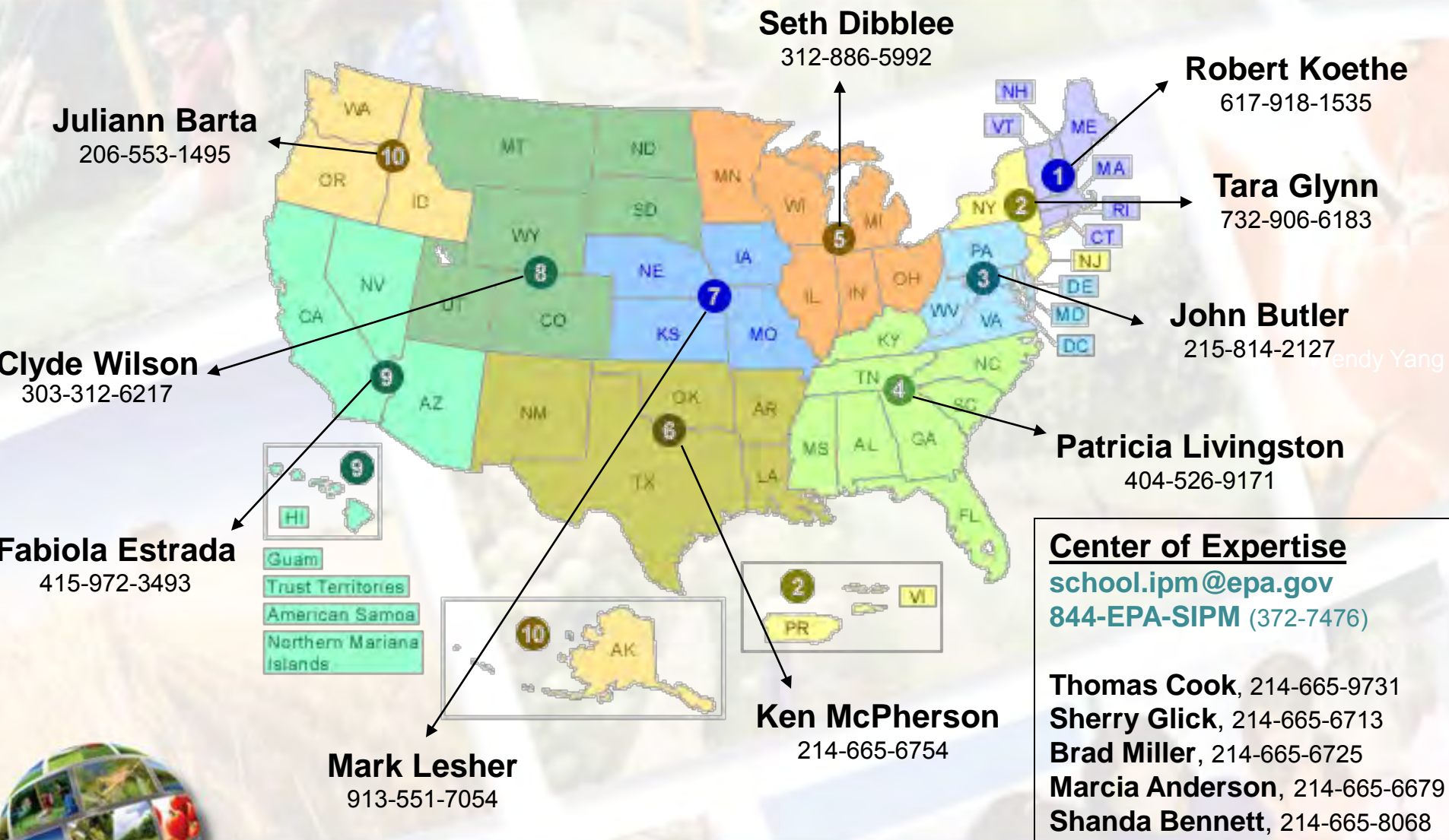
Sustained

Connector





# EPA's School IPM Team



# Investments: Internal

Fiscal Year	FTE				Salary Expenses		
	Regions	Center of Expertise	BPPD (HQ)	Total	Regional FTE	HQ/Center FTE	Total
2011	0.0	0.0	2.0	2.0	\$ 75,000	\$ 90,000	\$ 180,000
2012	10.0	0.1	1.9	12.0	\$ 75,000	\$ 90,000	\$ 930,000
2013	10.0	2.5	1.0	13.5	\$ 75,000	\$ 90,000	\$ 1,065,000
2014	10.0	4.0	1.0	15.0	\$ 75,000	\$ 90,000	\$ 1,200,000
2015	10.0	5.0	1.0	16.0	\$ 75,000	\$ 90,000	\$ 1,290,000
				<b>58.5</b>			<b>\$ 4,665,000</b>



# Investments: External

Grantee	Title	Amount (\$)	Funding FY
City of New Orleans Mosquito, Rodent, and Termite Control Board	Implementing Verifiable School IPM Program in the Orleans Parish School System, a Collaborative Effort	113,570	2011
Improving Kids Environment, Inc	The Midwest United States Consortium - Expanding Verifiable Integrated Pest Management in Public Schools	249,936	2011
University of Florida	A School IPM Consortium Reaching One Million Children	244,372	2011
Cooperative Educational Service Agency 10	Expanding IPM in Wisconsin: Using the CESA Model	49,205	2011
Washington State University	The Pacific Northwest School IPM Consortium: Expanding Verifiable Integrated Pest Management in Schools	250,000	2011
Colorado State University	The Rocky Mountain Consortium - Expanding Verifiable Integrated Pest Management in Public Schools	248,000	2011
University of Arizona	Building sustainable school IPM inside and out: Developing and implementing standardized training materials and IPM proficiency exams for certification	250,000	2014
Texas A&M Agrilife	iSchool Pest Manager Project – School IPM Enhancement Program	248,218	2013
Michigan State University	Building on Success: Expanding Efforts to Implement Integrated Pest Management in Michigan and Indiana Schools	158,518	2013
Washington Department of Agriculture	Washington State School IPM Enhancement Pilot	62,000	2014
		<b>\$1,873,819</b>	





# *EPA Strategic Plan for School IPM*

- Updated plan currently in Agency review
- In line with vision shared at 2014 StopSchoolPests meeting in Dallas
  - Infuse IPM into the bloodstream of districts
  - Make it easy for school officials to say Yes!
  - HQ, Center, and Regions roles
  - Focus on national & state engagement
  - Limited local engagement





# Workplan: HQ/Center

- Overall Strategy
  - Influence school districts and key school-related organizations
  - Make it easy for school leaders
  - Get key influencers to pitch school IPM
- Approach
  - HQ: Provide guidance, engage key national organizations, and manage grant program
  - Center: Provide information and tools and spread the IPM message at national meetings
  - Regions: Engage states, Tribes, and school districts and participate in state School IPM coalitions and Regional School IPM Working Groups
- HQ/Center Activities
  - Provide Tools Schools Can Use to Implement IPM
  - Strengthen Partnerships and Seeking Influencers and Endorsers
  - Increase the Demand for School IPM
  - Support the Washington State School IPM Enhancement Pilot
  - Develop a National School IPM Recognition Program
  - Provide Administrative Oversight and Support
  - Oversee Assistance Agreements and Disseminate Lessons Learned
  - Update the Agency's Strategic Plan for School IPM



# Workplan: Regions

- **Handout of Regional Approaches/Activities**
- **Region 3 Example**
  - Focus on *wholesale* approaches to promote the implementation of verifiable and sustainable school IPM in K-12 public, non-public and vocational schools as well as school districts with greenhouse instructional facilities.
    - Establish 3+ new partnerships with regional groups to advocate for School IPM
    - Visit and assist 35 local educational agencies in establishing IPM programs in buildings under their control



# Center Activities

- Resource Development
  - Model contract and bid specs (with ASPCRO)
  - “Rat book” revision
- Outreach
  - Webinar series
  - Blogs
  - National conferences
  - LISTSERV
- Regional Support
  - School contact data
  - Meeting/Conference participation





# *Center Activities: Resource Development*

- Model Contract & Bid Specs
  - In development with ASPCRO  
(Association of State Pest Control Regulatory Officials)
  - Draws on existing model contracts
  - Next steps
    - Finalize draft
    - Solicit school officials' feedback
- “Rat Book”
  - Detailed draft in final content review
  - Considering a “lite” version



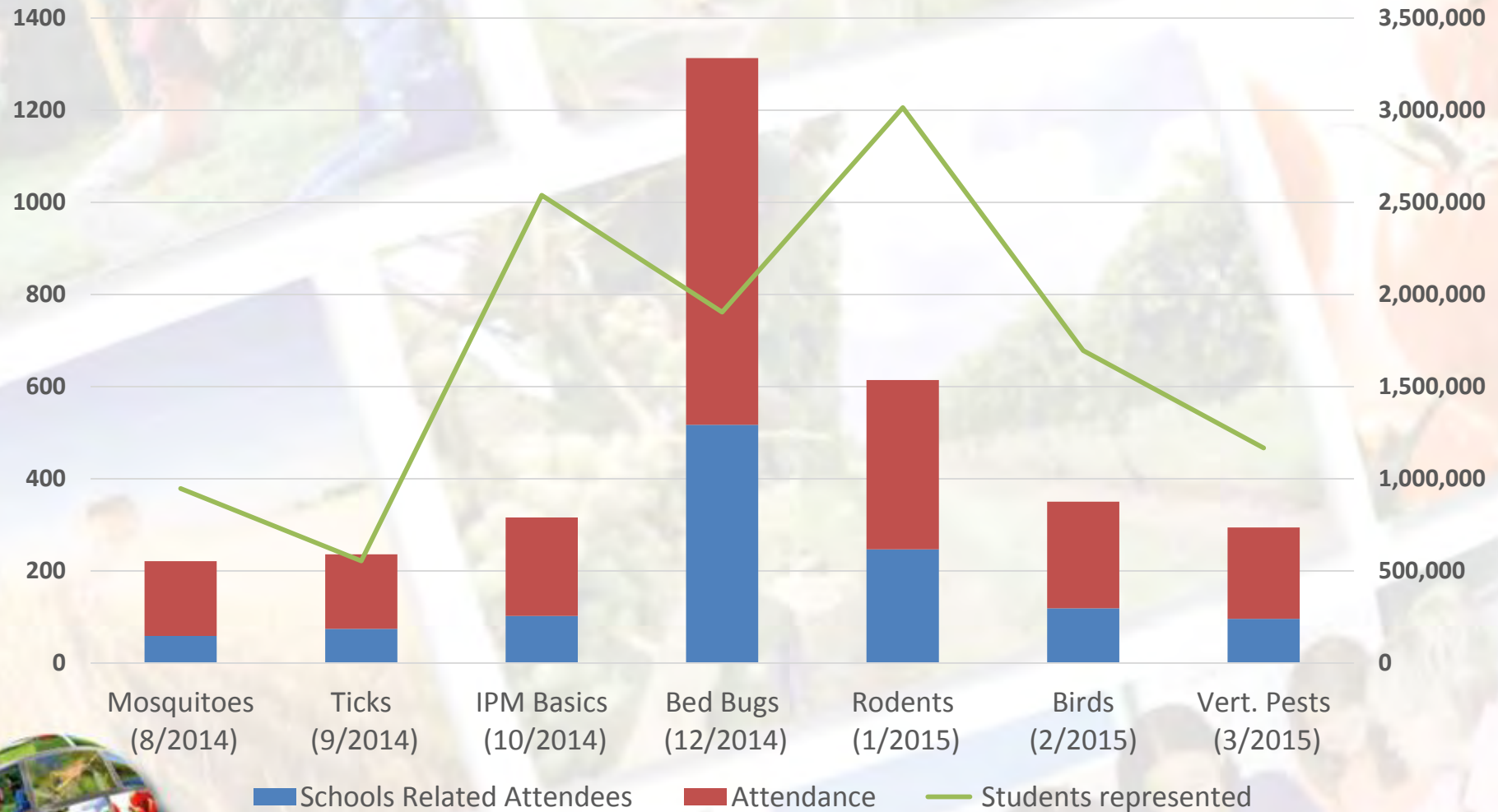


# *Center Activities: Webinars*

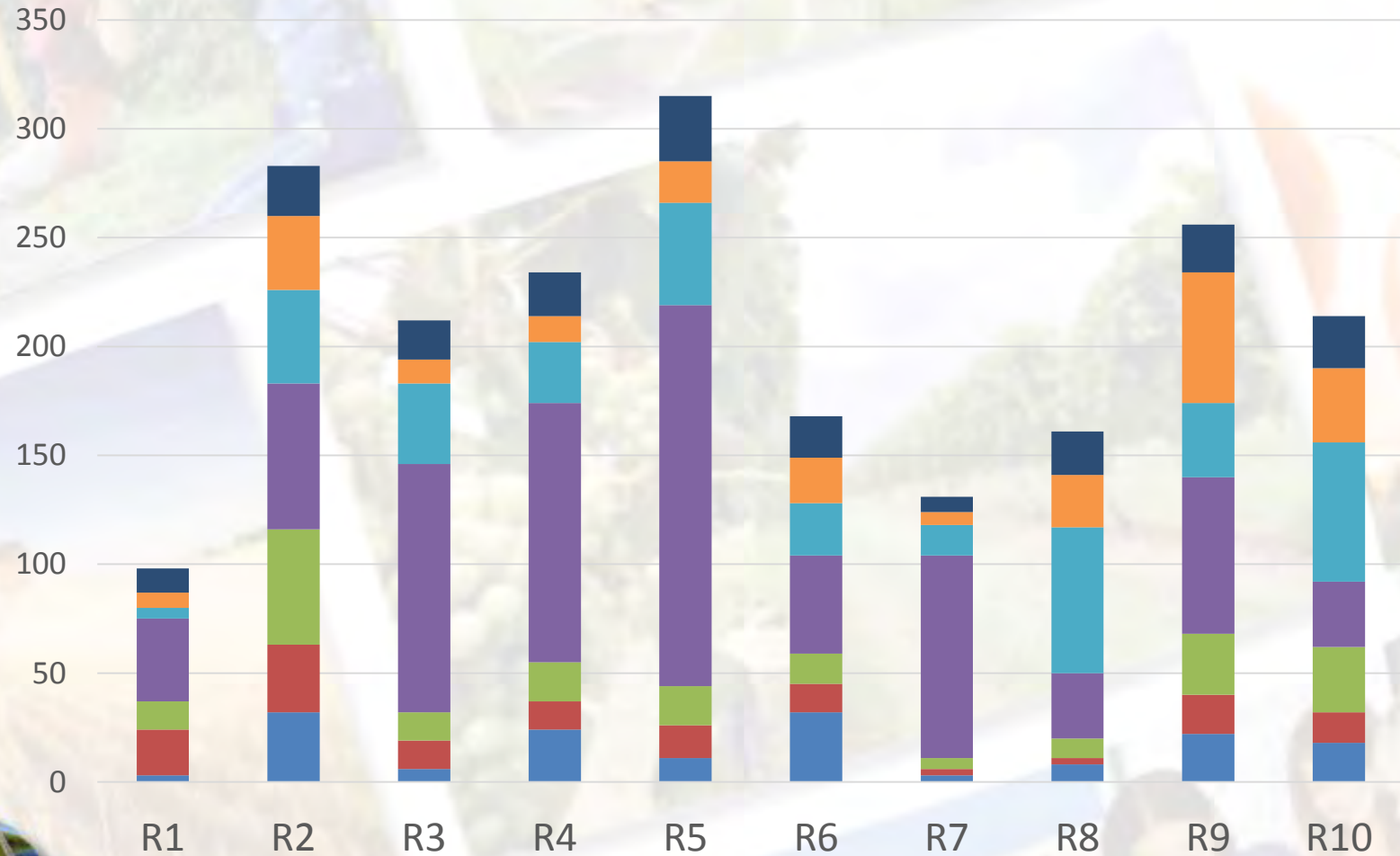
- 7 webinars since Aug. 2014
- 2,000+ attendees
- Attendees represent 11+ million students



# Webinar Series: Participation



# Webinar Series: Participation by Region



# Webinar Series: Future Topics

- Pest-Related

Head Lice

Vertebrate Turf Pests

Turfgrass IPM

Bats

Bed Bugs

Ants

Termites

Invasive Plants

Public Health Pests

- How To

- Pest Inspections: What's an IPM crawl-through?\*
- Designing Pests Out\*
- IPM Contracts: Get the Most from Your Investment\*
- Setting up an IPM Program
- Writing a Model IPM Policy

- Persuasive Topics

- Benefits of IPM: Highlighting Successful Districts
- Can IPM Impact your Bottom Line?

\*PPDC IPM Workgroup Recommendation





# Webinar Series: Presenters

- Universities

Lynn Braband, Cornell

Thomas Mather, Rhode Island

Dini Miller, Virginia Tech

Tim Stock, Oregon State

Marc Lame, Indiana

Mike Merchant, Texas A&M

Justin Schmidt, Arizona

Stephen Van Tassel, Nebraska

- Federal/State/Local

Robert Corrigan, New York City

Kathy Murray, Maine

Marcia Anderson, EPA

Susan Jennings, EPA

Claudia Riegel, New Orleans

- Schools

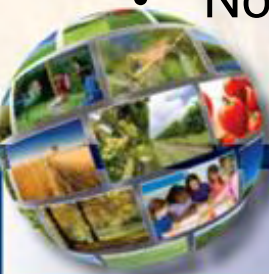
Christine Dunathan, Friends School (MD)

Mark Hardin, Howard County (MD)

Dan Lisenko, Manatee Co. (FL)

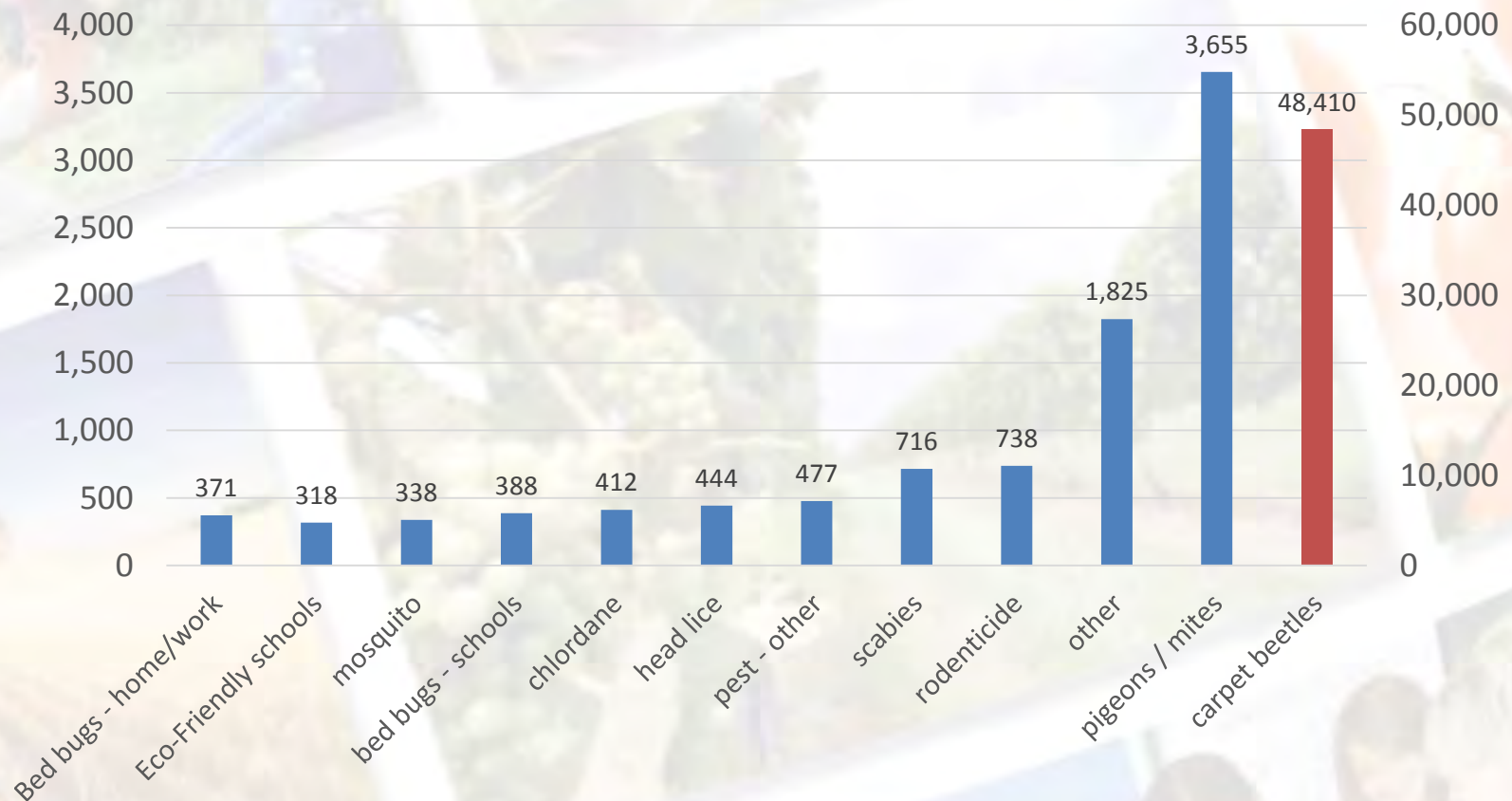
- Non-Profit

Joe Conlon, American Mosquito Association



# Center Activities: Blogs

## Greening the Apple Blog Readership (4/2014-4/2015)



# ***Center Activities: Cultivating Partnerships***

- National Environmental Health Association
- National Asthma & Allergy Foundation of America
- Indian Health Service
- Pediatric Environmental Health Specialty Units
- Centers for Disease Control and Prevention





# Center Activities: Cultivating EPA Partnerships

- EPA's Office of Air/Indoor Environments Division
  - SHIELD IAQ Mastery Class Webinar Series
  - Smart, Sensible and Sustainable Pest Management in Your School; April 16, 2015
  - Over 200 attended
  - Presenters: IPM Institute of NA and Carrollton/Farmers Branch School District, TX
  - All webinars are recorded and available
    - [epa.gov/iaq/schools/masterclasswebinars/index.html](http://epa.gov/iaq/schools/masterclasswebinars/index.html)





## ***Center Activities: Supporting Regional Activities***

- Washington State School IPM Enhancement Project
- Region 10 / Indian Health Service School IPM Tribal Pilot
  - Sharing lessons learned
  - Expansion to Regions 4, 5, 8, 9



## ***Center Activities: Conference Participation***

- Green Schools National Conference
- National Environmental Health Association
- National Association of School Nurses
- Entomological Society of America
- International IPM Symposium
- National Conference on Urban Entomology
- Assoc. of State Pest Control Regulatory Officials



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  - National Environmental Health Association
  - National Association of School Nurses
  - Entomological Society of America
  - International IPM Symposium
  - National Conference on Urban Entomology
  - Assoc. of State Pest Control Regulatory Officials
- 
- 21



# Grants: 2012 Awards

## Complete

- Cooperative Educational Services Agency 10
  - Expanding IPM in Wisconsin Schools Using the Cooperative Educational Service Agency Model - \$49,205
- City of New Orleans Mosquito, Termite, and Rodent Control Board
  - Verifiable School Integrated Pest Management in the New Orleans Parish School System - \$113,570
- Improving Kids' Environment, Inc.
  - The Midwest U.S. Consortium: Expanding IPM in Public Schools - \$249,936

## Ongoing

- Colorado State University
  - Expanding Verifiable Integrated Pest Management in Colorado and Utah Public Schools - \$248,000
- University of Florida
  - A School IPM Consortium Reaching One Million Children - \$244,372
- Washington State University
  - Expanding Verifiable Integrated Pest Management in Pacific Northwest K-12 Schools - \$250,000





# Grants: 2014 Awards

- Texas A&M Agrilife
  - iSchool Pest Manager Project
    - Efficiently and effectively deliver IPM information through a website and app.
- Michigan State
  - Building on Success: Expanding Efforts to Implement IPM in Michigan and Indiana Schools
    - Improve online IPM training for applicators serving MI schools and establish demonstration schools in underserved communities
- University of Arizona
  - Building Sustainable School IPM Inside & Out
    - Standardized curricula, available online and through workshops, to train individuals in each key role to achieve the performance objectives



# Grants: Updates

- Handouts
  - Summaries of completed projects
  - Updates on ongoing projects
- Completed projects
  - Wrap-up meetings
  - Final reports
  - Lessons learned
- Ongoing Projects
  - Regular calls
  - Quarterly reports



# *Washington School IPM Enhancement Pilot*

- Initial Charge from PPDC
- Project Evolution
- Activities to Date
- Noteworthy Interim Findings
- Plans for 2015





# Assessing Progress

D. Gouge: School IPM Activity and Pest Pressure –  
State-based Change Agents

