pharmaceutical stewardship in the U.S.

2017 NYSAR3 conference

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product stewardship institute

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who is the product stewardship institute?
our goal

reduce the health & environmental impacts of products across their lifecycle
Product categories

- Appliances with refrigerants
- Gas cylinders
- Pesticides
- Framework
- Carpet
- Auto switches
- Tires
- Radioactive devices
- Solar panels
other product categories

- batteries
- packaging
- paint
- electronics
- pharmaceuticals
- HHW
- thermostats
- fluorescent lamps
- textiles
- mattresses
- phone books
- medical sharps

Product Stewardship Institute
ecological impacts
water quality
aquatic environment
accidental poisonings
drug abuse
safety
climate change
a solution: drug take-back programs

on-site receptacles  mail-back envelopes

must be **convenient** and **sustainably funded**
drug take-back challenges

1. convenience → at pharmacies
2. counter pharma lobbying → through education
   ✓ decision makers
   ✓ general public
3. sustainable funding → through epr legislation
challenge #1: convenience

dea rule on collection of controlled substances:

- Flexibility in collection of controlled substances
- Mail-back programs by DEA-authorized entities
- Take-back events by law enforcement agencies continue
- Addition of pharmacies as authorized collection sites

Increase in potential collectors will lead to additional permanent collection sites
psi drug take-back pilots

• **2016 USDA-funded** pilot in rural NY counties
  - 4 independent pharmacies
  - 1 hospital pharmacy
• pharmacy receptacles + mail-back envelopes
• community outreach/education

• **2017 Oklahoma DEQ** pilot across state
  - 5 independent pharmacies
• pharmacy receptacles
• community outreach/education
challenge #2: education for ny state

Visit the new Safe Drug Disposal Portal

- Learn about the dangers of leftover meds
- Find locations to safely dispose of your leftover meds
- Start your own drug take-back program
- Educate others about safe drug disposal

www.productstewardship.uspage=GoToGuide
challenge #3: funding

sustainable funding for community take-back
extended producer responsibility
state and local EPR laws around the nation:

3 5 9 11 13 15 20 24

107* EPR laws

*while bottle bills are highly effective at recovering beverage containers, this count does not include the 10 state bottle bills in the U.S. due to the different ways in which the disparate policies shift responsibility to producers.
pharmaceuticals EPR programs in Canada and Europe

**France**
Established in 1993

**British Columbia**
Established in 1996

**Portugal**
Established in 2001

**Manitoba**
Established in 2011

**Hungary**
Established in 2005

**Spain**
Established in 2003

Canada: 4 programs
Europe: 15 programs

pharmaceuticals EPR in the United States

Legislative activity at local, state, & federal levels

20 EPR laws today

- 2 states (ma, vt)
- 14 counties (ca, wa, il, ny)
- 4 cities
u.s. EPR laws + legislation for pharmaceuticals
pharms EPR legislative trends

1. combine pharms and sharps law into one bill

2. pharmacy participation
   • mandatory vs. voluntary vs. middle ground
   • only large chains of 3+ or 10+ stores
ny state bill:
sen. hannon sponsored (S.6750)
rep. gunther sponsored “same as” (A.387-b)
New York State pharmacy chain drug take-back bill

Reasons PSI, NYPSC + allies opposed bill:

- Relies on “mail-back” — more costly and less effective than kiosks
- Will not meet needs of rural/upstate communities that don’t have pharmacy chains
- Would preempt local laws that require drug companies to take financial responsibility
- No mechanism to measure program effectiveness

- Cost burden on retailers/customers instead of drug manufacturers
ny state pharmacy chain drug take-back bill

~call to action~

contact governor cuomo and tell him why bill a.387-b will not work for ny!

✓ missing manufacturer responsibility
✓ preemption of existing local bills
✓ neglects rural communities
✓ does not ensure convenient drug take-back kiosks for all residents

phone: 1-518-474-8390
web: www.governor.ny.gov/content/governor-contact-form
write: Honorable Andrew M. Cuomo
      Governor of New York State
      NYS State Capitol Building
      Albany, NY 12224

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ny state pharmps epr bill

psi and nypsc: coalition for strong pharmps EPR bill for ny state

✓ based on best practices
✓ no preemption of local laws
✓ working with ny assemblyman englebright to introduce
climate change and EPR

1. “design for the environment” vs. early obsolescence
2. recycling vs. raw material
3. responsible marketing/sales vs. over-prescribing

Photo courtesy of Alex Cornell
thank you!

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