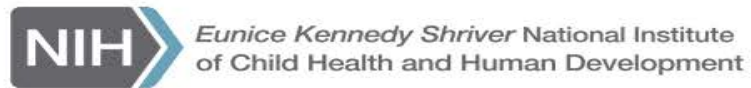


Overview of Federal Activities

Catherine Y. Spong, M.D.



Overview of Federal Activities

- 12:45 pm – 3:40 pm
 - Brief federal presentations on agency activities
 - Detailed descriptions emailed
 - Agency activities and presentations will be available on PRGLAC website
 - Discussion, Q&A
- 3:40 pm – 4:35 pm
 - Public discussion and identification of additional activities

Overview of the Data Collection Process

- NIH activities
- Other federal agency activities





How NIH Reports on its Research to the Public

- Research, Condition, and Disease Categorization (RCDC) system to report research: over 280 topics
- RCDC provides consistent and transparent information to the public about NIH-funded research, providing all NIH-funded projects related to each category
- In this process:
 - Scientific experts develop definition and list of terms for each category
 - Sophisticated text mining used to apply definition to the NIH portfolio
 - Final curation and validation by scientific experts
- NIH does not budget by research category – used to **report** spending
- Categories are not mutually exclusive



RCDC Example

https://report.nih.gov/categorical_spending.aspx

SEARCH RESEARCH/ DISEASE AREAS



PRINT



EXPORT



Research/Disease Areas (Dollars in millions and rounded)	FY 2013 Actual	FY 2014 Actual	FY 2015 Actual	FY 2016 Actual	FY 2017 Estimated (Continuing Res.)	FY 2018 Estimated	2014 US Mortality 19/	2014 US Prevalence (Standard Error) 19/
Aging	<u>\$2,429</u>	<u>\$2,556</u>	<u>\$2,698</u>	<u>\$3,150</u>	\$3,166	\$2,503	-	-
Alcoholism, Alcohol Use and Health <u>1/</u>	<u>\$437</u>	<u>\$475</u>	<u>\$473</u>	<u>\$486</u>	\$482	\$375	60,442	-
Allergic Rhinitis (Hay Fever)	<u>\$9</u>	<u>\$6</u>	<u>\$5</u>	<u>\$7</u>	\$7	\$5	76	8.0% (0.22%)
ALS	<u>\$39</u>	<u>\$48</u>	<u>\$49</u>	<u>\$52</u>	\$52	\$42	-	-
Alzheimer's Disease	<u>\$504</u>	<u>\$562</u>	<u>\$589</u>	<u>\$929</u>	\$929	\$790	115,766	-
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Alzheimer's Disease	<u>\$504</u>	<u>\$562</u>	<u>\$589</u>	<u>\$929</u>	\$929	\$790	115,766	-
Autism	<u>\$186</u>	<u>\$188</u>	<u>\$208</u>	<u>\$232</u>	\$227	\$181	202	2.2% (0.18%)**



NIH Grants Related to PRGLAC Identified by RCDC

- For 2017, two new categories developed
 - Pregnancy
 - Breastfeeding, Lactation, and Breast Milk
- New RCDC categories defined more broadly than Task Force
- Data for Fiscal Year (FY) 2017 are preliminary
 - Additional grants will be awarded at the end of the FY
 - Intramural research projects and interagency agreements are added to the RCDC system at the end of the FY
- Analyzed preliminary data to identify subsets of grants most closely related to PRGLAC



Most Common PRGLAC Topics in NIH Portfolio

1. Birth defects and adverse effects of prenatal exposures
2. Substance abuse: effects and treatment
3. Postpartum depression
4. Preterm birth
5. Mechanisms of action for preeclampsia and other pregnancy-related conditions
6. Physiological responses to infection and inflammation in pregnancy
7. Infant microbiome (and maternal, but more infant)
8. Sleep disorders and pregnancy

Related common topic:
pregnancy, breastfeeding, and long term risk of breast cancer





Agency Activities: Data Sources

- Grant databases:
 - QVR (for other HHS agencies)
 - FedReporter
 - Grants.gov, FedBizOps
- Agency websites and Google searches
- Catalog of Federal Domestic Assistance (CFDA)
- Research publications
- NIH collaborations databases
- Public health campaigns project data
- Agency survey sent to agencies with membership on PRGLAC



Federal Agency Documents

- Data sent to PRGLAC member agency contact for review
- Summarized data by type activity:
 - Research
 - Clinical care
 - Communication
 - Other collaborative efforts



Reviewed Data from Agencies

- ACF
- AHRQ
- CDC
- CMS
- DoD
- DoJ
- EPA
- FDA
- HRSA
- HHS
- NIH
- NSF
- SAMHSA
- USDA
- USAID
- VA





Agency Research Activities

- Most common PRGLAC research areas:
 - Birth defects and adverse effects of prenatal exposures
 - Substance abuse: effects and treatment
 - Postpartum depression
 - Safety and quality of care in obstetrics and childbirth
 - In global health, malaria and HIV in pregnant and lactating women
 - Access to prenatal care
- Related common topic: pregnancy, breastfeeding, and long term risk of breast cancer
- Studies about specific conditions and medications exist in significant numbers, but are scattered across agencies and programs





Agency Clinical Care Activities

- Clinical care provided through HRSA, CMS, DoD, VA
- FDA – approval v. guidance
- Clinical guidelines focus on clinical care venues
 - Examples: PBMs, decision support tools, etc.
- USPSTF recommendations
 - 26 USPSTF topics have pregnancy component
 - AHRQ is federal lead
 - Partner federal agencies include HHS OPDIVs, VA, DoD
 - Non-federal partners include ACOG, AAP, AANP, AMA





Agency Communications Activities

- Often linked to clinical care
- Many agencies have relevant info on website – fact sheets etc.
- Few public health campaigns specific to pregnant women, and within these campaigns, focus on medications and therapies is limited





Thanks to the Pregnancy Task Force Data Team

- Barbara Brandys (NIH Library)
- Taisa Coleman
- Sarah Glavin
- Brock Heller (RCDC)
- Belinda Locke
- Nancy Praskievicz (RCDC)
- Judy Riggie (RCDC)
- Terry Taylor (Palladian)
- Liz Wehr
- Anne Zajicek

спасибо 谢谢
GRACIAS
THANK YOU
ありがとうございました **MERCI**
DANKE धन्यवाद
شُكْرًا **OBRIGADO**



Questions?