

# Strategic Issues in Vaccine Research (SIVR) Program Update, 2007

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# Program Name Change

From: Unmet Needs

To: Strategic Issues in Vaccine Research (SIVR)

# SIVR FY 2007 Process

- 5 priority topics established with NVAC input
  - Vaccine safety, adolescent vaccination, vaccine economics and financing, public engagement, and improved diagnostic tests for VPDs
- Agency scientists submit proposals
- 2-step review process
  - Initial review by NVPO, agency, and NVAC reviewers
  - In-person review with NVAC reviewers (7) and NVPO staff (3) scoring proposals

# SIVR Funding in FY 2007

- Total funding ~\$4 million
  - 19 continuation projects; 12 new projects
  - Average award \$129,000 (range \$71,000 - \$240,000)
- Priority topics for continuation projects
  - New and future vaccines – 9
    - Vaccine development (5); new vaccine evaluation (4)
  - Annual and pandemic influenza – 5
  - Vaccine safety – 3
  - Adolescent vaccination – 2
- Of 12 new projects funded, 9 included interagency collaborations

# SIVR Funding in FY 2007: New Projects

- Adolescent vaccination – 4
  - Evaluating the scientific basis for adolescent MMR vaccination
  - Case control study of Tdap VE in adolescents
  - Use of State laws to permit adolescent consent for vaccinations
  - NP carriage of meningococci following meningococcal conjugate vaccination
- Vaccine safety – 3
  - Meeting on the genetic basis for vaccine safety
  - Background intussusception rates in infants managed with short stay or emergency room care
  - Rapid assessment of influenza vaccine safety using Medicare data

# SIVR Funding in FY 2007: New Projects

- Improved methods for VPD detection – 3
  - Development of a multiplexed PCR for pneumococcal diagnosis and serotyping
  - Development of a rapid HPV antibody test
  - Improved methods to detect and genotype wild-type and vaccine rotavirus strains
- Public engagement – 1
  - Development and implementation of an adolescent immunization and public engagement campaign targeting Native American and Asian youth
- Vaccine economics and financing – 1
  - Modeling the impact and cost effectiveness of HPV vaccination strategies

# FY 2007 New Proposal Success Rates by Priority Category

<b>Priority area</b>	<b>Approved/submitted</b>	<b>Funding rate</b>
Adolescent vaccination	4/14	29%
Diagnostic tests for VPDs	3/11	27%
Public engagement	1/4	25%
Vaccine economics and financing	1/6	17%
Vaccine safety	3/24	13%

# SIVR Program Monitoring, Evaluation, and Information Sharing

- 6-monthly progress reports
  - Standard 2-page form being developed
- End of project report
- 1 and 2-year post-completion updates
  - Publications and presentations
  - Continuation and follow-up activities
- SIVR seminar series
  - Investigators report study progress and results

# SIVR for FY 2008: Issues for NVAC Discussion

- Priority topics
  - Same priority topics or new priorities?
- Proposal review process
  - Comments or suggestions for improvement?
- Timeline
  - Retain same schedule or implement earlier process?
    - Solicitation late-August
    - Proposals due mid-October
    - Review committee meeting early-December