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Immunization Branch, California Department of Public Health, 850 Marina Parkway, Building P, Richmond, CA (510) 620-3737

To: Health Officers  
Immunization Program Coordinators  
Communicable Disease Control Officers  
California Immunization Coalition Members  
Other interested health care professionals

April 21, 2008

## **b2B Debuts May 8, Register Now!**



brochure 2 BLOG: Public Health Communication for a New Age (b2B) premieres May 8 to California health educators, Immunization Coordinators, and other public health professionals. b2B, the Immunization Branch's newest multi-media training program, will simultaneously air as a webcast and satellite broadcast. It features innovative communication modalities and demonstrates how public health professionals can use them. The two-part program features a 30-minute documentary-style video that explores the ways public media consumption is evolving, and showcases technology tools (e.g., podcasts, virtual reality, online gaming) already in use in public health. Viewers will learn cutting edge ways to create and enhance community interventions. Participants are invited to log on to a dedicated website immediately after the webcast/broadcast to learn how they can apply e-technology tools to their work.

The complete program runs from 10:00 to 11:30 am May 8. Participants can watch the program as a webcast on their own computer or view the program at a satellite downlink location near them.

Register to view the webcast or broadcast at [www.brochure2blog.org](http://www.brochure2blog.org). The webcast will be archived and can be viewed by anyone at any time thereafter. For more information contact Edgar Ednacot at [Edgar.Ednacot@cdph.ca.gov](mailto:Edgar.Ednacot@cdph.ca.gov).

## **New Staff Update**

Jenny Bailey, MPH, recently joined the Branch as a Health Education Consultant II. Jenny previously served as Wellness Manager at the corporate offices of Longs Drugs, where she facilitated company-wide health initiatives, including Longs' influenza vaccine campaign. Jenny also worked as a Clinical Health Educator for Kaiser Permanente. In her new role, Jenny is the point person for influenza and pediatric health informing campaigns. She is currently working on the National Infant Immunization Week/Toddler Immunization Month (NIIW/TIM) campaign and will be working on the National Influenza Vaccine Week (NIVW) campaign later this year.

Jenny received a BS in Health Sciences from CSU, Chico and a Master of Public Health in Health Promotion and Disease Prevention from Florida International University.

## **FDA Approves DAPTACEL<sup>®</sup> for 5th DTaP dose**

In March, the US Food and Drug Administration (FDA) approved the license application for a new Diphtheria and Tetanus Toxoids and Acellular Pertussis Vaccine (DAPTACEL<sup>®</sup>). The new vaccine is licensed for use as a fifth dose booster immunization at four to six years of age following four previous doses of DAPTACEL<sup>®</sup>. For additional information visit the FDA site, product approval information. <http://www.fda.gov/cber/products/daptacel.htm>

## **Vaccine-Preventable Diseases**

Table 1 below shows provisional data for vaccine-preventable diseases in California with disease onsets from January 1 through March 31, 2008. For more Branch surveillance data, go to:

<http://www.cdph.ca.gov/programs/immunize/Pages/VaccinePreventableDiseaseSurveillance.aspx>

or contact Jessica Chang at [jessica.chang@cdph.ca.gov](mailto:jessica.chang@cdph.ca.gov).

**Table 1: Reported Cases with Onset in 2008 (by Age Group) and Incidence of Selected Vaccine-Preventable Diseases, California (Provisional as of 3/31/2008)**

DISEASE	Age Groups				All Ages	
	0 - 4 yrs	5 - 17 yrs	18+ yrs	Unknown	Cases	Rate <sup>1</sup>
Congenital Rubella Syndrome	0	0	0	0	0	0.00
Diphtheria	0	0	0	0	0	0.00
<i>H. influenzae</i> , type B (Hib) <sup>2</sup>	0	0	0	0	0	0.00
Hepatitis A	6	13	51	0	70	0.73
Hepatitis B	0	0	22	0	22	0.23
Measles <sup>3</sup>	4	8	0	0	12	0.13
Meningococcal Disease	11	7	41	1	60	0.63
Mumps	0	0	1	0	1	0.01
Polio	0	0	0	0	0	0.00
Pertussis	9	7	18	0	34	0.36
Rubella <sup>3</sup>	0	0	0	0	0	0.00
Tetanus	0	0	0	0	0	0.00

1. Annualized incidence Rate = cases/100,000 population. Population estimates source: California Department of Finance projections based on the 2000 Census.
2. Invasive *H. influenzae* disease is reportable only for cases < 15 years of age.
3. Confirmed cases only.

Prepared by the California Department of Public Health, Immunization Branch

## Immunization Branch Completes Website Redesign

Visitors to the GetImmunizedCa.org website will notice major changes to the Branch site as well as all other California Department of Public Health program pages. The CDPH recently redesigned its entire website to enhance navigation and to create a uniform “look and feel.” Users should bookmark the [link for the new site](#).

All local health departments and other community stakeholders that have linked their Web pages to the old DHS Immunization Branch site need to replace the old links with the new one:  
<http://www.cdph.ca.gov/programs/immunize/Pages/default.aspx>.

All old DHS web pages are automatically re-directed to the new [cdph.ca.gov](http://www.cdph.ca.gov) pages. Links to the Branch’s site from other web sites (e.g. LHDs, stakeholders, etc.) boost the Branch’s search engine rankings. This new site upgrade is the first phase of a comprehensive redesign effort. Over the next year, the CDPH site and Immunization Branch pages will be enhanced with additional improvements to the navigation options and more media options. For questions about the new site contact Jake Richardson at [jake.richardson@cdph.ca.gov](mailto:jake.richardson@cdph.ca.gov)

## **First Two Lessons of VFC Online Training in Pilot Testing**

The Immunization Branch has completed development of the first two lessons of a planned 15-lesson online curriculum for VFC providers. The lessons, *Preparing Vaccines* and *Administering Vaccines* are targeted to medical assistants who work in private provider offices, as well as local health departments and community-based health clinics. The Immunization Branch is working closely with the California Medical Assistants Association to ensure that the web-based training and related materials are appropriate for MAs and meet their needs based on their immunization job responsibilities.

The online training is the Immunization Branch's initial foray into web-based training. Pilot testing of the first two lessons is underway in Alameda and Contra Costa counties. So far, pilot test results indicate that the training is very effective, the test users enjoy the online training experience, and the content and approach are on target. The *Preparing Vaccines* and *Administering Vaccines* lessons are scheduled to go live in June.

Lessons planned for development during the coming year include *Vaccine Storage and Handling* and *Vaccine Ordering*.

As the number of VFC providers continues to increase, providing one-on-one and classroom immunization training becomes increasingly difficult and expensive. The VFC online training will give the Branch the ability to deliver training in appropriate skill and knowledge areas to an infinite number of learners at times and locations convenient to them. Updates about the VFC Online Training will be available at: [www.vfc-ca.org](http://www.vfc-ca.org).

## **Measles Outbreak in San Diego: Lessons Learned**

In February 2008, the Immunization Branch assisted the San Diego Health and Human Services Agency in investigating a measles outbreak. An unvaccinated seven year old child with a PBE who had traveled to Switzerland was reported to San Diego County on February 1, 2008 as having measles.

Subsequently, 11 additional measles cases in unvaccinated infants and children aged 10 months to nine years were identified. A more detailed account of the outbreak investigation is available in the MMWR at: [www.cdc.gov/mmwr/preview/mmwrhtml/mm5708a3.htm](http://www.cdc.gov/mmwr/preview/mmwrhtml/mm5708a3.htm)

Experience during this outbreak highlighted a number of issues related to infectious disease control including:

- Increased risk of vaccine-preventable disease outbreaks in communities with unvaccinated children using California's personal belief exemption

- Lack of clinician familiarity with measles symptoms and consideration of measles in patients with febrile rash illness and history of recent international travel
- Failure to implement appropriate infection control precautions in both ambulatory and acute care settings
- Delayed diagnoses due to out-of-state laboratory testing
- Lack of immediate reporting of suspect cases to the local health department.

The Immunization Branch strongly encourages that blood or other clinical specimens for suspected measles cases be sent to the county laboratory. The county laboratory will forward the specimens to the CDPH's Viral & Rickettsial Disease Laboratory (VDRL), <http://www.cdph.ca.gov/programs/vrdl/Pages/default.aspx> rather than to the usual reference laboratory of the clinician or health care facility.

Clinicians suspecting measles in a patient should take the following steps to minimize the risk of transmission in health care settings:

- **Separate the possibly infectious patient from others**, applying appropriate isolation practices, including as many elements of airborne precautions as possible, in addition to standard precautions for such patients (see Page 2 of 7 of CDC's Guideline for Isolation Precautions [http://www.cdc.gov/ncidod/dhqp/gl\\_isolation.html](http://www.cdc.gov/ncidod/dhqp/gl_isolation.html) ).
- **Limit the number of individuals exposed** to the patient; restrict health care personnel and visitors without *documented* evidence of immunity from entering the patient's room.
- **Place patients in isolation**— preferably an airborne infection isolation room, as soon as possible; they should not remain in patient waiting areas. Keep the exam room door closed.
- **Do not reuse the examination room for at least two hours** after the infectious patient leaves.
- **Do not refer patients to other locations** for lab tests—unless infection control measures can be implemented at those locations.
- **Notify the local health department** immediately about any suspected measles cases seen in clinical practice.
- **Instruct persons who were exposed** to measles to inform all health care providers of their exposure prior to entering a healthcare facility. Such patients should be seen at the end of the day and should enter through a side door if possible and be placed immediately in an exam room with the door closed.

Such patients should not wait in the waiting room.

- **Ask patients to put on a surgical mask** prior to, or immediately upon entering a healthcare facility.

### **Assessment and Selective Review News for IZ Coordinators**

- **Selective Review and KRS Forms Due**

The Branch extends thanks to Immunization Coordinators and their staff for their work completing the 2008 Selective Review and Kindergarten Retrospective Survey. School visits should be completed by April 15. Coordinators should return completed Selective Review forms (CDPH 8315, CDPH 8317, CDPH 8318) and copies of the California School Immunization Record (PM 286, also known as the “blue card”) by **May 1**. Forms should be mailed to the Immunization Branch, 850 Marina Bay Parkway, Richmond, CA 94804, Attn: Jason Stubbs.

- **Child Care and Kindergarten Assessments Begin**

In April, the Immunization Branch will begin emailing child care lists to Immunization Coordinators for the Fall 2008 assessments. Lists are specific to each county and should be retained as a reference. In May, the Branch will email kindergarten lists to Coordinators so they can be reviewed for accuracy. Corrections are due back to the Branch by June 15.

### **2008 NIC Highlights and Immunization Branch Presentations**

This year’s theme, *The Road to Healthier Living Starts Here*, reflected the attitude and energy of the more than 1,500 participants who attended the March National Immunization Conference (NIC) in Atlanta.

California was well represented, with nearly 50 attendees representing various state and local agencies. NIC is run on a topic-based system with presentations organized into six tracks:

Adolescent and Adult Vaccination, Epidemiology and New Vaccines, Health and Risk Communication, Immunization Information Systems, Influenza, and Programmatic Issues. Presentations by Branch staff covered a spectrum of topics. Copies can be accessed online using the first few words in the title to search here: <http://cdc.confex.com/cdc/nic2008/techprogram/MEETING.HTM>.

Fifteen Branch oral and poster presentations are listed below.

1. Size Does Matter: A Simple Method for VFC Site Visit Prioritization

2. California Immunization Coalition: Merging Into a Lifespan Coalition
3. Impact of a Community-Clinic Intervention on Immunization-Related Behavior
4. Epidemiology of Meningococcal Disease in California, 2001 – 2007
5. An Approach to Immunization Record De-duplication
6. California’s Chain Pharmacy Immunization Delivery: Results of a Statewide Survey
7. Storage and Handling: From Science to Policy
8. California’s Development of On-line Immunization Training
9. Evaluation of NIIW/TIM Radio Campaign: “Up-to-Date? Celebrate!”
10. Pandemic Influenza Preparedness for Schools
11. An Implementation of Batch Data Exchange of Immunization Record using XML Schema Derived from the HL7 Standard
12. Using the California Health Interview Survey to Assess Influenza Immunization Coverage in California
13. Characterization of Perinatal Hepatitis B Cases in California, 2000 – 2005
14. Effects of Timing of Post-Vaccination Serologic Testing (PVST) of Infants Born to Hepatitis B Infected Women
15. Use of Tablet PCs for Efficient Electronic Data Capture During Provider Site Visits

### Calendar of Events, Conferences, Campaigns, and Observances

Date/location	Campaign, event, observance	Partners/sponsor	Website/contact info
April 19-26, throughout California	National Infant Immunization Week (NIW), <i>Stay on Track for a Lifetime of Health!</i>	CDPH, California Immunization Coalition and California local health departments	<a href="http://www.immunizeca.org">www.immunizeca.org</a> Tools and other information available online
April 28-29, Sacramento	2008 California Immunization Coalition Summit: <i>Emerging Issues and New Directions</i>	California Immunization Coalition	<a href="http://www.immunizeca.org">www.immunizeca.org</a> Register online
May 2008	Toddler Immunization Month	California Immunization Coalition	TIM at: <a href="http://www.immunizeca.org">www.immunizeca.org</a>
May 2008	Hepatitis Awareness Month	Hepatitis Foundation International	HAM at: <a href="http://www.hepfi.org/">www.hepfi.org/</a>
May 8 throughout California	Webcast <i>brochure 2 BLOG</i> webcast/satellite broadcast	CDPH Immunization Branch	<a href="http://www.brochure2blog.org/">www.brochure2blog.org/</a> Register online
May 15-17, Ashland OR	26 <sup>th</sup> Annual Western Regional Epidemiology Network (WREN) Conference	Oregon Public Health Division	<a href="http://www.wrenconference.org">www.wrenconference.org</a> Register online
May 21-23 San Francisco	8 <sup>th</sup> Annual National Conference on Immunization and Health Coalitions: <i>Building Bridges to Healthier Communities</i>	San Francisco Immunization Coalition	<a href="http://www.sfimmunize.org/page2.html">www.sfimmunize.org/page2.html</a> Register online

November 17-18 Concord	<i>Epidemiology and Prevention of Vaccine-Preventable Diseases Course</i>	CDC, Contra Costa Health Services	<a href="http://www.cdph.ca.gov/programs/immunize/Documents/EPI_Brochure_2008(web).pdf">www.cdph.ca.gov/programs/immunize/Documents/EPI_Brochure_2008(web).pdf</a>
November 20-21 Orange County	<i>Epidemiology and Prevention of Vaccine-Preventable Diseases Course</i>	CDC, County of Orange Health Care Agency	<a href="http://www.cdph.ca.gov/programs/immunize/Documents/EPI_Brochure_2008(web).pdf">www.cdph.ca.gov/programs/immunize/Documents/EPI_Brochure_2008(web).pdf</a>

### Training/Education Materials and Resources

Date	Resource	Type of Resource	How to obtain/contact
Available now	February 2008 ACIP meeting presentations	PowerPoint presentations	<a href="http://www.cdc.gov/vaccines/recs/acip/slides-feb08.htm">www.cdc.gov/vaccines/recs/acip/slides-feb08.htm</a>
Available now	New multi-vaccine VIS	Routine birth to 6-month vaccines VIS	<a href="http://www.cdc.gov/vaccines/pubs/vis/default.htm">www.cdc.gov/vaccines/pubs/vis/default.htm</a>
Available now	<i>Summary of Pediatric &amp; Adolescent Immunization Recommendations (IMM-232) (revised)</i>	Poster now available in 4-page download format	<a href="http://www.cdph.ca.gov/programs/immunize/Documents/IMM-232.pdf">www.cdph.ca.gov/programs/immunize/Documents/IMM-232.pdf</a>
Available now	<i>2008 Immunization Timing Schedule (IMM-395) (revised)</i>	Updated immunization schedule for infants, children, and preteens.	<a href="http://www.cdph.ca.gov/programs/immunize/Documents/imm-395.pdf">www.cdph.ca.gov/programs/immunize/Documents/imm-395.pdf</a>
Available now	<i>Protecting the Healthcare Workforce in Pandemic Influenza</i>	Audio and video podcast features experts from UC Berkeley Center for Infectious Disease Preparedness and Drs. Howard Backer and Harvey Kayman of the Immunization Branch.	<a href="http://www.uctv.tv/search-details.asp?showID=13893">www.uctv.tv/search-details.asp?showID=13893</a>
Available now	FAQs on Immunization Registries for Providers (IMM-882) (revised)	Online FAQs	<a href="http://www.ca-siis.org/images/docs/ProviderFAQFINALrev4-08.pdf">www.ca-siis.org/images/docs/ProviderFAQFINALrev4-08.pdf</a>

Available now	FAQs on Immunization Registries for Parents (IMM-881) (revised)	Online FAQs for parents. Available in English and Spanish	<a href="http://www.ca-siis.org/index.php?option=com_content&amp;task=view&amp;id=30&amp;Itemid=44">www.ca-siis.org/index.php?option=com_content&amp;task=view&amp;id=30&amp;Itemid=44</a>
Available now	<i>Introducing CAIR</i> flyer	Flyer introducing statewide CAIR name and logo	<a href="http://www.ca-siis.org/images/docs/CAIRflyer.pdf">www.ca-siis.org/images/docs/CAIRflyer.pdf</a>
Available now	<i>Child Care and School Factsheet</i> (revised)	Downloadable factsheet	<a href="http://www.cdph.ca.gov/programs/immunize/Pages/ImmunizationLevels.aspx">www.cdph.ca.gov/programs/immunize/Pages/ImmunizationLevels.aspx</a>