



The 2012 Winter Symposium  
February 9-12, 2012  
L'Auberge Del Mar Resort and Spa  
Del Mar, California

**“Informatics Challenges and Solutions for  
Capturing, Taming, and Analyzing the *Data Tsunami*”**

*Symposium open to ACMI Fellows only.*

The title and theme of the 2012 Symposium is "Informatics Challenges and Solutions for Capturing, Taming, and Analyzing the *Data Tsunami*" with Suzanne Bakken as the Chair. As we move from clinical data warehouse and biobanks to broader conceptualizations of comprehensive health determinants data, numerous challenges arise. To address these challenges, the symposium will focus on topics such as:

- 1) Database structures and ontologies that support linkages among disparate data types
- 2) De-identification strategies: where and how
- 3) Query tools for extraction of analytical data sets
- 4) Visualization tools that provide cognitive support for investigators
- 5) Sharing across databanks for discovery and translation
- 6) Informatics-enabled communication strategies for engaging communities (particularly those at highest risk for health disparities) in data banking initiatives

As is the tradition with ACMI Winter Symposium, the program will include ample time for reflections and discussion by the entire group.

The official dress code of the 2012 symposium is business casual, including the dinner and activity on Saturday evening.

The Scientific Program Committee is responsible for the meeting design and is comprised of Suzanne Bakken, (2012 Winter Symposium Chair), Wendy W. Chapman, Shawn Murphy, Cornelia Ruland, and Jim Cimino (ex-officio).

## Schedule of Events and Program

### Thursday, February 9, 2012

- 6:00 to 8:00 PM - Welcome Reception and Buffet Dinner

### Friday, February 10, 2012

- 7:30 to 8:00 AM - Continental Breakfast
- 8:00 to 12:00 PM - Day One Scientific Session
  - 8:00 AM - Opening Remarks by Jim Cimino and Sue Bakken
  - 8:15 AM - Session 1: Database structures, ontologies, and cyberinfrastructures that support linkages among disparate data types - Moderator and Discussion Leader: Wendy Chapman, PhD
    - 8:15-9:00 - Shawn Murphy, MD, PhD - Informatics for Integrating Biology & the Bedside (I2B2)
    - 9:00-9:45 - Stanley Huff, MD - Clinical Element Models
  - 9:45 - 10:15 Break
  - 10:15 AM - 12:00 PM Session 1 (continued)
    - 10:15-11:00 - Lucila Ohno-Machado, MD, PhD - Integrating Data for Analysis, Anonymization, and Sharing
    - 11:00 - 12:00 - Discussion: Key Challenges and Potential Solutions - Technical, Social, Policy
- 12:00 to 5:30 PM - Free Time for Collegial Activities.
- 5:30 to 7:00 PM - Hospitality Time, Dinner on own.

### Saturday, February 11, 2012

- 7:30 to 8:00 AM - Continental Breakfast
- 8:00 to 12:00 PM - Day Two Scientific Session

- 8:00 AM - Session 2: Query and Visualization - Moderator and Discussion Leader: Valerie Florance, PhD
  - Day 1 Recap and Introduction to Day 2
  - 8:15-9:00 - Adam Wilcox, PhD - Washington Heights/Inwood Informatics Infrastructure for Comparative Effectiveness Research (WICER) and Research Data Explorer (ReDEx)
  - 9:00-9:45 - Catherine Plaisant, PhD - Innovative Visualizations
- 9:45 - 10:15 Break
- 10:15 AM - 12:00 PM Session 2 (continued)
  - 10:15-11:00 - Christopher Chute, MD, DrPH - Sharing Across Databanks for Discovery and Translation - eMERGE Network
  - 11:00 - 12:00 - Discussion: Key Challenges and Potential Solutions - Technical, Social, Policy
- 12:00 to 6:00 PM - Free Time/Collegial Activities
- 6:00 to 9:00 PM - Reception, Dinner, and Activity
  - 6:00 to 7:00 PM - Reception
  - 7:00 to 9:00 PM - Dinner and Activity

### **Sunday, February 12, 2012**

- 7:30 to 8:00 AM - Continental Breakfast
- 8:00 to 9:00 AM - Day Three Scientific Session
  - Discussion and Recommendations for Addressing Key Challenges  
Discussion Leader: Suzanne Bakken, RN, DNSc
- 9:00-10:30 AM Late Breaking Hot Topic Session - Topic to Be Announced
- 10:30 AM - Adjourn

### **About the ACMI Winter Symposium**

The annual winter symposium is a four-day event, consisting of three days of four-hour morning sessions for plenary and breakout discussions, with afternoons and evenings dedicated to recreational and social activities. We kick-off the event with a welcome reception and buffet on Thursday evening. Throughout the weekend, fellows and families come together for continental breakfasts and hospitality time. We cap the social activities with a dinner on Saturday evening.

### About the Destination

The 2012 ACMI Winter Symposium will take place February 9-12, 2012, at the L'Auberge Del Mar Resort and Spa in Del Mar, California. L'Auberge Del Mar overlooks the Pacific Ocean and offers world class accommodations. The property is located in Del Mar Village and is 20 minutes north of the San Diego International Airport or 90 minutes south of Los Angeles. Ranked among the top resorts in the world by Condé Nast, more information about the resort can be found at:

<http://www.laubergedelmar.com/>

L'Auberge Del Mar  
 1540 Camino Del Mar  
 PO Box 2889  
 Del Mar, CA 92014  
 858-259-1515

### History of the Winter Symposium

Since 1993, a group of fellows and their families have enjoyed stimulating discussions on relevant current topics, an opportunity to share ideas and activities, and the chance to become better acquainted with other Fellows and their families during the Symposium. Past locations are: 1993, Coronado Island, CA; 1994, St. Petersburg, FL; 1995, Tucson, AZ; 1996, Lake Buena Vista, FL; 1997, Palm Springs, CA; 1998, St. Petersburg, FL; 1999, Tucson, AZ; 2000, Marco Island, FL; 2001, La Jolla, CA; 2002 Palm Springs, CA; 2003 Fort Lauderdale, FL; 2004 San Diego, CA; 2005 Key West, FL; 2006 Phoenix, AZ; 2007 Miami Beach, FL; 2008 San Diego, CA; 2009 St. Pete's Beach, FL; 2010 Tucson, AZ; Bonita Springs, FL, 2011.

### Registration

Registration Category	Fee	Level of Participation
Fellow/International Associate	\$600	Full participation
Guest	\$400	Full participation
Young Adult (11 - 21 years old)	\$200	Full participation

Child (<=10 years old)	Free	Full participation
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### A La Carte Food and Beverage Pricing for Guests

Thursday Welcome Buffet:	\$140 per person
Friday Hospitality Reception:	\$50 per person
Saturday Dinner:	\$150 per person
Continental Breakfast:	\$45 per person per day

The collegial environment of the symposium requires a fairly small group and, traditionally, we have had a policy of limiting registration. We have not established a formal registration limit this year, but we encourage you to register early. All registrants must have their 2012 ACMI dues paid to participate.

The Symposium registration will be conducted entirely on-line. Registration information and instructions are available on the Symposium Web site at <http://www.amia.org/meetings-and-events/acmi-2012-winter-symposium>

Full participation for the fellow and guest categories include Thursday evening welcome buffet dinner; buffet breakfasts on Friday, Saturday, and Sunday mornings; Saturday night dinner and activity, and morning program sessions. Young Adults can participate in the evening welcome buffet dinner; buffet breakfasts on Friday, Saturday, and Sunday mornings; and Saturday night event, and morning program sessions. Children can participate in welcome buffet dinner and the buffet breakfasts on Friday, Saturday, and Sunday mornings.

Your guest is encouraged to not only accompany you to the symposium, but also to participate in the morning sessions. This gives them a glimpse at the issues in informatics. This is also a great chance to relax and enjoy the resort and local area. In the past, several fellows have brought their children, and children of all ages are more than welcome at the symposium.

### Hotel Reservations

Fellows will have to make their own hotel reservations directly with the L'Auberge Del Mar. ACMI has a block of discounted rooms at the rate of \$239 plus \$14 resort fee and \$3 housekeeping fee per night single/double (the hotel tax is 12.5%). A \$4 in and \$4 out portage fee will also be added to the room rate. You must reserve your room by January 10, 2012 to receive the discounted rate. To reserve your room please go the ACMI Symposium Web site at <http://www.amia.org/meetings-and-events/acmi-2012-winter-symposium>

## **Cancellation Policy**

ACMI Symposium cancellation does not constitute a cancellation of your hotel room. You should directly contact the resort to cancel your reservation and check the cancellation policy to avoid a penalty.

You may withdraw your symposium registration at any time up until January 27th, 2012 for a full refund minus a \$50 administrative fee. After January 27th, 2012, we are committed to the hotel and no refunds will be issued.

## **Arrival and Departure**

We will have a welcome reception with a buffet dinner from 6:00 - 8:00 PM on Thursday, February 9 so that you may eat when you arrive. The Symposium will end at 10:30 AM on Sunday, February 12, so plan your departures accordingly.

## **Driving Directions**

From San Diego and the San Diego Airport:

When leaving the airport, follow signs to I-5. Veer right on Harbor Island Drive. Turn left on Laurel Street (go approx. 3 blocks). Take I-5 North (Los Angeles) for approx. 20 miles. Exit Del Mar Heights Road. Turn left (west) and go approx. 1 1/2 miles. Turn right onto Camino Del Mar (Hwy 101). L'Auberge is just past 15th St. Turn left on L'Auberge Del Mar, then take the immediate left.

From Los Angeles:

Take I-5 South. Exit Via de la Valle and turn right. Take the first left onto Jimmy Durante Blvd. (The road will veer left and become Camino Del Mar.) L'Auberge is located at the first stop light on the (west) right side.

From the McClellan-Palomar Airport:

Upon your exit from the airport, head southwest on Palomar Airport Road toward Camino Vida Roble and take I-5 South. Exit Via de la Valle (Exit 36) and turn right. Take the first left onto Jimmy Durante Blvd. (The road will veer left and become Camino Del Mar.) L'Auberge is located at the first stop light on the (west) right side.

## **Parking**

\$25 per night for valet parking. No self-parking available.