



WHAT NOW: GREAT OPPORTUNITIES / GREAT(ER) CHALLENGES

BRIITE: Biomedical Research Institutions Information Technology Exchange
11–13 Dec 2013, La Jolla, California

MEETING SUMMARY

The topic for this meeting was virtually forced upon us by current events. Almost every issue of the major research journals carries papers showing that computationally intensive work (sequencing, genomics, and metagenomics) is leading to great new advances in basic biology and in clinical research. The power of computational equipment continues to rise, while prices fall.

This year the Nobel Prize in chemistry was awarded to three scientists for "the development of multiscale (computational) models for complex chemical systems." The official Nobel press release noted, "Today the computer is just as important a tool for chemists as the test tube. Simulations are so realistic that they predict the outcome of traditional experiments."

The critical role of computation in science — chemistry or biology — has never been more clear.

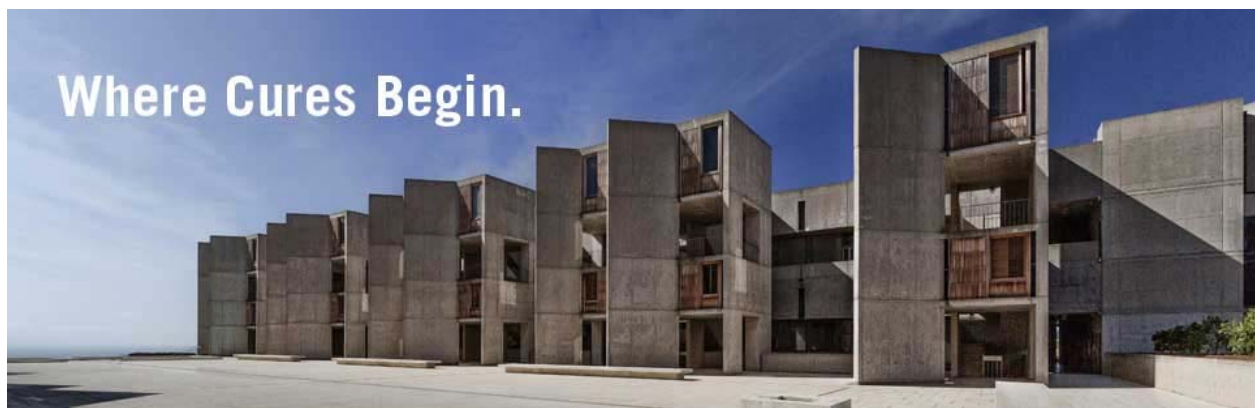
But, with all of these opportunities come the challenges. The NIH is about to release new security and sharing rules for genomic data that are likely to require significant new effort, both technical and managerial, to meet. Of course, no new funding has been allocated to cover this new burden. Instead, the federal government is, as of this writing, closed for business with no end in sight.

The purpose of BRIITE meetings is to bring together IT professionals, who support IT in a biomedical research setting, so that they can discuss common issues, openly and candidly, and then work together to explore both opportunities and solutions to challenges.

The current set of opportunities and challenges may be unprecedented. In a worst-case scenario, we could be facing several years of actual declines in federal research funding, while the demand for new capacity in research IT grows rapidly. None of us are clairvoyant, yet we all need to decide What Now?

Do we try for strategic growth, to take advantage of the research opportunities, or do we shift into cost containment, to reduce the risks of funding uncertainty.

How is your institution dealing with the current situation? Come to BRIITE and learn what your peers are doing to deal with the intense new world of unprecedented opportunities combined with huge challenges and risks.



Hosted by:



BRIITE EVENT SUMMARY**11 DECEMBER (WED) — EVENING SESSION @ THE SALK INSTITUTE**

NOTE: The reception and dinner on Wednesday will be at the Salk Institute, which is immediately adjacent to the Estancia Hotel. Thus, no shuttle services will be required.

Salk Institute for Biological Studies
Foyer (Lower Level, East Building Complex)
La Jolla, California

6:30 pm Reception at Salk Institute
Location: Foyer

7:45 pm Dinner at Salk Institute
Location: Foyer

12 DECEMBER (THU) — DAYTIME SESSION @ THE SALK INSTITUTE

- 7:45 am Continental Breakfast / Registration
Location: Foyer
- 8:30 am PLENARY SESSION: Welcoming Comments – Introduction to BRIITE
Robert J. Robbins; Frank Dwyer
Location: Trustees Room
- 8:40 am PLENARY SESSION: Big Data: Yet Another Buzzword or Actual Big Deal?
Robert J. Robbins, PhD
Location: Trustees Room
- 9:00 am PLENARY SESSION: NCI Informatics Priorities for 2014
Warren Kibbe, Director of the Center for Biomedical Informatics and Information Technology (CBIT) at the National Cancer Institute, National Institutes of Health
Location: Trustees Room
- 10:00 am BREAK
- 10:30 am PLENARY SESSION: Real Disaster Recovery: Getting Hit by Hurricane Sandy (and finding a silver lining)
John Speakman, Senior Director, Research Information Technology, New York University Langone Medical Center, New York, New York
Location: Trustees Room
- 11:30 am PLENARY SESSION: Taking Biomedical Computing to the Next Scale: The Global Alliance and Genome Bridge
Matt Trunnell, Chief Information Officer, Broad Institute, Cambridge, Massachusetts
Location: Trustees Room
- 12:30 pm LUNCH
Location: Foyer
- 1:45 pm PLENARY SESSION: Creating the self-organizing sessions (getting started)
Location: Trustees Room
- 2:00 pm SELF-ORGANIZING BREAK-OUT SESSIONS
Location: Trustees Room, Foyer, Parker Room, Auditorium (as needed)
- 3:30 pm BREAK
- 4:00 pm SELF-ORGANIZING BREAK-OUT SESSIONS (*continued*)
Location: Trustees Room, Foyer, Parker Room, Auditorium (as needed)
- 5:30 pm Adjourn to hotel

12 DECEMBER (THU) — EVENING SESSION @ ESTANCIA HOTEL

- 6:30 pm Reception at Estancia
Location: Ballroom A
- 7:30 pm Dinner at Estancia
Location: Ballroom A

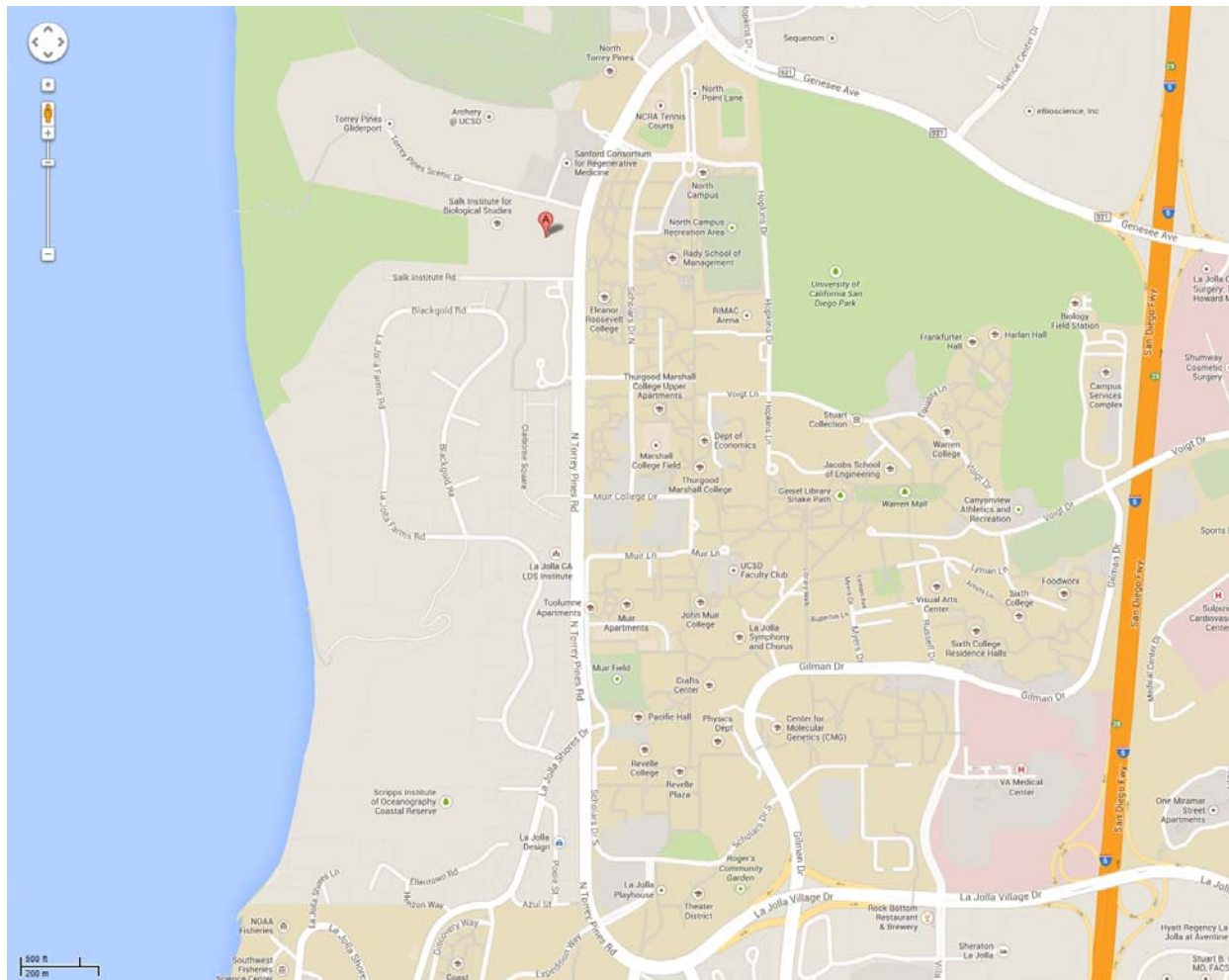
13 DECEMBER (FRI) — DAYTIME SESSION @ THE SALK INSTITUTE

- 7:30 am Continental Breakfast
Location: Foyer
- 8:15 am PLENARY SESSION: Welcoming Comments
Robert J. Robbins, PhD
Location: Trustees Room
- 8:30 am SELF-ORGANIZING SESSIONS (*wrap up*)
Location: Trustees Room, Foyer, Parker Room, Auditorium (as needed)
- 9:30 am PLENARY SESSION: Reports from the Working Group Sessions
Speakers chosen by groups
Location: Trustees Room
- 10:00 am BREAK
- 10:30 am PLENARY SESSION: Reports from the Working Group Sessions (*continued*)
Speakers chosen by groups
Location: Trustees Room
- 11:30 am PLENARY SESSION: Information Technology Exchange
(Identify things that worked / things that didn't — brief presentations)
Location: Trustees Room
- 12:30 pm LUNCH
Location: Foyer
- 1:30 pm PLENARY SESSION: Information Technology Exchange (*continued*)
(Identify things that worked / things that didn't — brief presentations)
Location: Trustees Room
- 2:00 pm Closing Comments / Adjourn
Location: Trustees Room
- 2:30 pm OPTIONAL TECHNOLOGY TOURS
Scripps Research Institute (via shuttle)
Brant Kelley, Director, IT Services

Salk Institute
Frank Dwyer, Senior Director, Information Technology Department

DIRECTIONS AND LOGISTICS

The Salk Institute for Biological Studies (marked A) is located in La Jolla, California at 10010 N Torrey Pines Rd, which is between Interstate 5 and the Pacific Ocean. As the map shows, N Torrey Pines Road can be reached from I-5 by taking Genesee Avenue or La Jolla Village Drive. Much of the land between N Torrey Pines Road and I-5 is the University of California at San Diego.

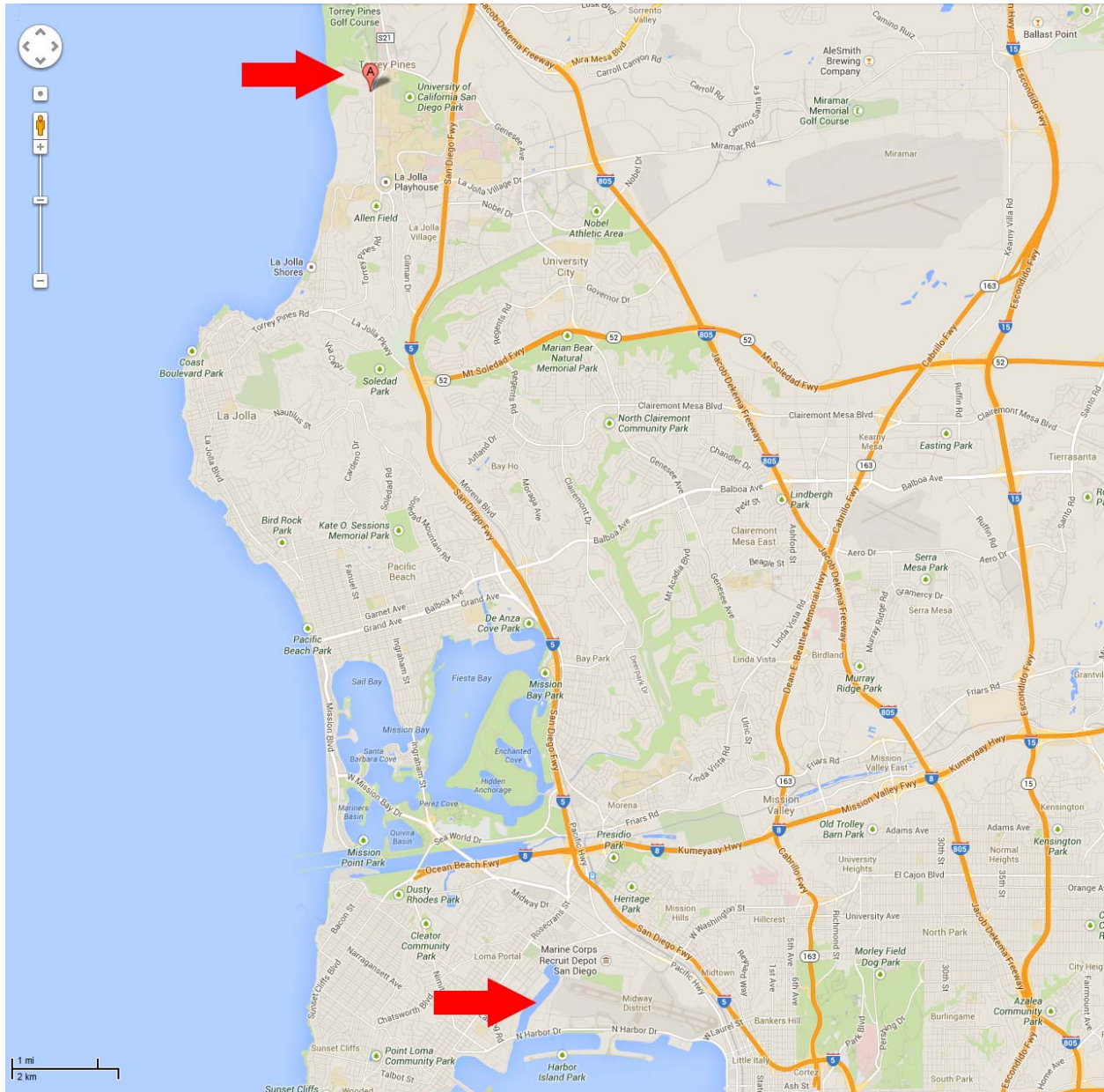


The photo below shows the relationship between the Salk Institute (top red box) and the Estancia Hotel (bottom red box). Because they are immediately adjacent to each other, getting from one to the other requires just a short walk.

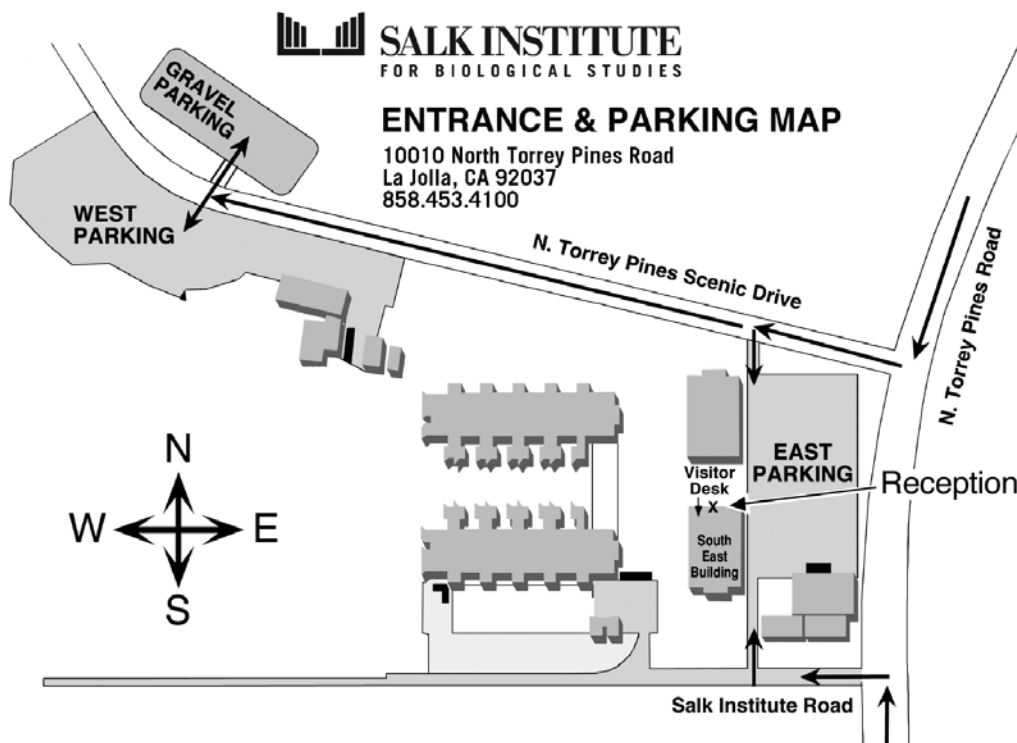


Because the Salk Institute and the Estancia Hotel are immediately adjacent to each other, no local transportation will be required for participation in the meeting. However, if you are planning on being in the area for a day or two in addition to the meeting, a rental car would be helpful in getting around.

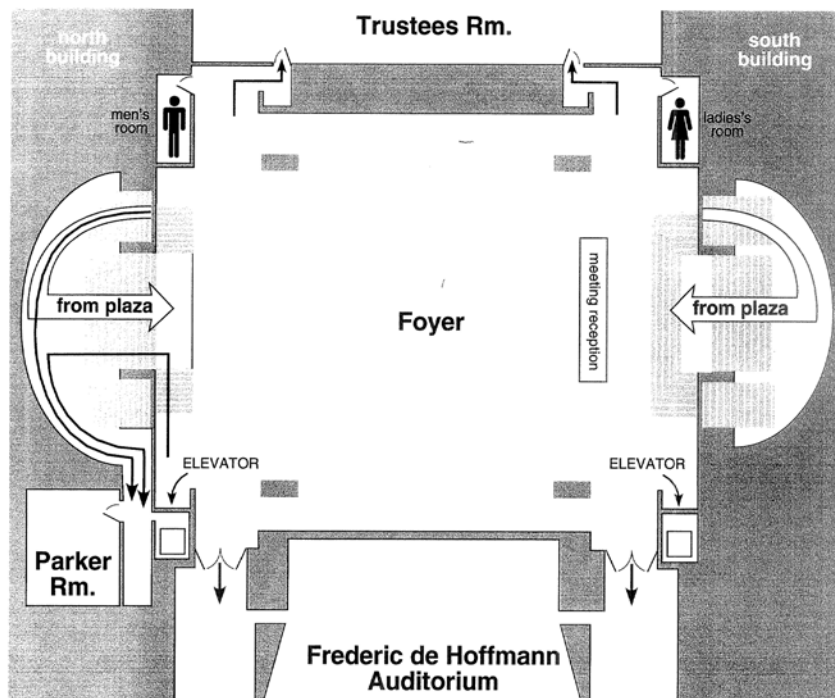
The Estancia in La Jolla (upper red arrow) is north of San Diego and of the San Diego airport (lower red arrow).



If you are driving to the Institute, please park in the gravel overflow lot shown on the parking map below. After arriving on campus, follow the directions to the Reception area. There will be signs directing you to the BRIITE venues on the lower level. The plenary sessions will be held in the Trustees room; meals and breaks are scheduled for the Foyer, and the other meeting rooms on the lower level will be used for breakout sessions.



East Building Complex, Lower Level (Conference Facilities)



DRIVING DIRECTIONS TO ESTANCIA LA JOLLA:

Interstate 5 from the North:

- Exit at GENESEE AVE
- Take GENESEE AVE West (Right)
- Turn Left on N TORREY PINES RD
- Watch for the Estancia Entrance on your right



Interstate 5 from the South:

- Exit at GENESEE AVE
- Take GENESEE AVE West (Left)
- Turn Left on N TORREY PINES RD
- Watch for the Estancia Entrance on your right

From the San Diego Airport:

- Turn Left on N HARBOR DR
- Turn Left on W LAUREL ST
- Turn Left on PACIFIC HWY
- Turn Right on W WASHINGTON ST
- Turn Left on SAN DIEGO AVE
- Take I-5 NORTH
- Exit at GENESEE AVE
- Take GENESEE AVE West (Left)
- Turn Left on N TORREY PINES RD
- Watch for the Estancia Entrance on your right

NOTE: The first few steps in the directions for getting to I-5 from the airport are heavily dependent upon your exact starting point (i.e., a rental-car lot, an airport parking lot, the arrivals section of the airport, etc.). If you are driving from the airport and are new to the area, be sure to get specific directions to I-5 from your starting point.

MEETING LOGISTICS

This will be a working meeting, meaning that most of the meeting will involve discussions among attendees, not plenary presentations by invited speakers. Depending on the interests of the attendees, the discussions may be held in one large session or in several smaller sessions. The goal is to facilitate discussion, problem identification, and solution exchange among the participants.

SHUTTLE SCHEDULE SUMMARY

No shuttles will be needed during the meeting, as the hotel and meeting site are immediately adjacent to each other.

CONTACTS

Inquiries about registration for the meeting:

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General inquiries about BRIITE:

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Inquiries about meeting logistics and other details in La Jolla:

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