









# Summer Program in Epidemiology & Biostatistics

## June 4, 2012 – June 30, 2012

Week 1		
<b>Sunday</b> <b>June 3,</b> <b>2012</b>	3:00 – 6:00 pm Wentworth	Summer Program Participants will arrive throughout the afternoon and familiarize themselves with the residential hall at Wentworth Institute of Technology at 610 Huntington Avenue
	7:00 pm	Welcome Dinner
	9:00 pm	Residential Hall Orientation at Wentworth dorm, 610 Huntington Avenue
<b>Monday</b> <b>June 4,</b> <b>2012</b>	8:45 – 9:30 am	Meet in FXB lobby Security Desk area to get pictures for IDs taken at HSPH ID Office, near Kresge Security Desk
Kresge 907	9:30 am	<b>Orientation Breakfast: Program Introduction and Overview/Stipend Disbursement</b> Michelle Williams, Chair of Epidemiology Marcelle Dougan, Catherine Haskell, Felisa Nobles, John Paulson
	10:30 – 12:00 pm	<b>Intro to Epidemiology Course</b> Instructor: Marcelle Dougan
Building 2, Room 315	12:30 – 1:30 pm	<b>Group meeting with Jorge Chavarro, Professor of Nutrition &amp; Epidemiology</b> Theo Abah, Virgie Fields & Diana Tran
Kresge 210	1:30 – 3:00 pm	<b>STATA Course</b> Instructor: Lauren Hund, PhD
Kresge Suite 506	3:00 – 4:00 pm	<b>Group Meeting with Marc Lipsitch, Professor of Epidemiology</b> Dom Acharya, Adrian Avila, Wen-Kuni Ceant & Yulia Kostenko
<b>Tuesday</b> <b>June 5,</b> <b>2012</b> Kresge 201	9:15 – 10:45 am	<b>Intro to Epidemiology</b> Instructor: Marcelle Dougan
Kresge 201	11:00 – 12:30	<b>Intro to Biostatistics</b> Instructor: Alisa Stephens, PhD
	1:00 – 1:30 pm Orientation	<b>Volunteer at Community Servings!</b> 18 Marbury Terrace, Jamaica Plain
	1:30 – 4:00 pm	Prepare and package meals for individuals and families dealing with critical and chronic illness.
<b>Wednesday</b> <b>June 6,</b> <b>2012</b> Kresge 201	9:30 – 11:00 am	<b>Intro to Epidemiology Course</b> Marcelle Dougan
Kresge 210	11:00 – 12:00 pm	<b>STATA Course</b> Instructor: Lauren Hund, PhD
Kresge 201	12:00 – 1:30 pm	<b>Lunch Presentation</b> Shelley Tworoger, Associate Professor, Epidemiology
Kresge 212	1:30 – 3:00 pm	<b>Intro to Biostatistics</b> Instructor: Alisa Stephens, PhD



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	Suggested Activity	<p><b>Jimmy Fund Scooper Bowl</b> Tuesday, June 5 – Thursday, June 7, 2012 Noon – 8 p.m. every day City Hall Plaza, Boston <a href="http://www.scooperbowl.org/htmlcontent.asp?cid=623906">http://www.scooperbowl.org/htmlcontent.asp?cid=623906</a></p> <p>The 30th annual Jimmy Fund Scooper Bowl, the nation's largest all-you-can-eat ice cream festival, will take place June 5-7 at Boston's City Hall Plaza. The event will serve up ice cream, frozen yogurt, and sorbet from ten of the nation's leading ice cream companies from Noon to 8 p.m. each day. Since its inception in 1983 the Jimmy Fund Scooper Bowl has raised more than \$3 million for cancer research and care.</p> <p><b>Directions using the MBTA</b></p> <p> Take the <b>Green Line</b> or <b>Blue Line</b> to the <b>Government Center T-Stop</b> Walk up the stairs and look for the Scooper Bowl® Signs!</p> <p> <b>OR</b></p> <p> Take the <b>Green Line to Red Line to Park Street T-Stop</b></p> <p> When you exit the station, you will be at the intersection of Park and Tremont Streets</p> <p> Take a left on Tremont Street and follow straight ahead to Government Center and City Hall Plaza</p> <p> Look for the Jimmy Fund Scooper Bowl® signs!</p>
<p><b>Thursday June 7, 2012</b> Kresge 201</p>	9:30 – 11:00 am	<p><b>Intro to Epidemiology Course</b> Instructor: Marcelle Dougan</p>
Kresge 210	11:00 – 12:00 pm	<p><b>STATA Course</b> Instructor: Lauren Hund, PhD</p>
Kresge 201	12:00 - 1:30 pm	<p><b>Lunch Presentation</b> Eric Rimm, Associate Professor in Epidemiology &amp; Nutrition</p>
Kresge 212	1:30 – 3:00 pm	<p><b>Intro to Biostatistics Course</b> Instructor: Alisa Stephens, PhD</p>
	Suggested Activity	<p><b>The new Institute of Contemporary Art, <a href="http://www.icaboston.org/about">http://www.icaboston.org/about</a></b> Admission is FREE from 5-9pm on Thursdays! There are also free performances by Berklee College of Music students, alumni, and faculty, featuring jazz, world, Latin, and more.</p> <p>Directions: Take the MBTA Red Line to South Station and transfer to the Silver Line Waterfront. The ICA is a short walk from either World Trade Center or Courthouse stations. From World Trade Center Station: Exit left onto Congress Street. Walk one block to the corner of B Street and turn right, crossing Congress Street. Follow B Street for one block. At the corner of B</p>



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		<p>Street and Seaport Boulevard cross the street and turn left. At the next corner, turn right onto Northern Avenue. The ICA is on the right. You will pass the entrance to Anthony's Pier 4 and two parking lots before coming to the driveway leading to the ICA entrance.</p> <p>From Courthouse Station: Exit the station onto Seaport Boulevard and follow it, walking away from downtown. Just before the first traffic light, there will be a pedestrian opening in the fence on your left—walk through it to the walkway that runs alongside the Chapel of Our Lady of Good Voyage. This will lead you to Northern Avenue. The ICA is across the street to the right at 100 Northern Avenue.</p>
<p><b>Friday June 8, 2012</b> Kresge 201</p>	<p>9:30 – 11:00 am</p>	<p><b>Intro to Epidemiology Course</b> Instructor: Marcelle Dougan</p>
<p>Kresge 210</p>	<p>11:00 – 12:30 pm</p>	<p><b>STATA Course</b> Instructor: Lauren Hund, PhD</p>
	<p>12:30 – 1:30 pm</p>	<p><b>Lunch on your own</b></p>
<p>Kresge 212</p>	<p>1:30 – 3:00 pm</p>	<p><b>Intro to Biostatistics</b> Instructor: Alisa Stephens, PhD</p>
<p><b>Saturday June 9, 2012</b></p>	<p>Suggested Activities</p>	<p><b>Visiting Salem, MA</b></p> <p>Salem may be most widely known as the site of the Salem witchcraft trials of 1692, but this colorful, coastal city has much to offer both residents and visitors: a culturally diverse population, a rich maritime heritage, an impressive display of historic architecture and amazing stories that span almost four centuries.</p> <p>This particular weekend Salem will be also hosting the Salem Maritime Festival Celebrating four centuries of Salem Maritime heritage in “Ships, Sawdust, Sailors &amp; Song.”</p> <p><u>Directions:</u> The best way to get there is to take the Salem Ferry. Information regarding the Ferry can be found here: <a href="http://www.bostonsbestcruises.com/salem-ferry">http://www.bostonsbestcruises.com/salem-ferry</a></p> <p><b>Freedom Trail</b></p> <p>Your visit to Boston must include a walk into history along the Freedom Trail. You can start in the beginning, the middle or the end and wend your way through the streets of this very modern city — Boston — and along the paths of history. This is Boston's indoor / outdoor history museum. There are 16 “official” sites of the Freedom Trail!</p> <p>You'll want to visit every one!</p> <p>Walking on the trail can be done on your own or with a guide. The Visitor's Center is located at 148 Tremont Street. The Trail starts at the Boston Common. Here is a link to the Freedom Trail Map: <a href="http://www.thefreedomtrail.org/maps/maps.html">http://www.thefreedomtrail.org/maps/maps.html</a></p>



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Week 2		
<b>Sunday June 10, 2012</b>	Suggested Activities	<p><b>Visit the SoWa Market</b> SoWa open market is a popular, free shopping experience like no other in Boston. Not only can you take in the summer sun, but also enjoy an ever changing array of artists selling handmade crafts and vintage goods to choose from.</p> <p>On every Sunday starting from May until October, SoWa will be open from 10 a.m. to 4 p.m. at 460 Harrison Avenue.</p> <p><a href="http://www.sowaopenmarket.com/">http://www.sowaopenmarket.com/</a></p> <p><b>Good Eats</b> A recommended place to eat in the area if you like Italian is Giacomo's Ristorante! They have some of the best food in Boston, but make sure you have cash because they don't take credit cards. Located at 431 Columbus Avenue: <a href="http://www.giacomosblog-boston.blogspot.com/">http://www.giacomosblog-boston.blogspot.com/</a></p>
<b>Monday June 11, 2012</b> Kresge 201	9:30 – 11:00 am	<b>Intro to Epidemiology Course</b> Instructor: Marcelle Dougan
Kresge 201	11:30 – 12:30 pm	<b>Intro to Mathematical Modeling of Infectious Disease</b> Instructor: Marc Lipsitch, DPhil
	12:30 – 2:00	<b>Lunch on your own</b>
Building 2 Room 426	2:00– 3:30 pm	<b>Intro to Biostatistics Course</b> Instructor: Alisa Stephens, PhD
<b>Tuesday June 12, 2012</b> Kresge 201	9:30 – 11:00 am	<b>Intro to Epidemiology Course</b> Instructor: Marcelle Dougan
Kresge 201	11:30 – 12:30 pm	<b>Intro to Mathematical Modeling of Infectious Disease</b> Instructor: Marc Lipsitch, DPhil
	12:30 – 1:30 pm	<b>Lunch on your own</b>
Kresge 212	1:30 – 3:00 pm	<b>Intro to Biostatistics</b> Instructor: Alisa Stephens, PhD
<b>Wednesday June 13, 2012</b> Kresge 201	9:30 – 11:00 am	<b>Intro to Epidemiology Course</b> Marcelle Dougan
	11:00 – 12:00 pm	<b>BREAK</b>
Kresge 201	12:00 – 1:30 pm	<b>Lunch Presentation</b> David Christiani . Professor, Epidemiology & Environmental Health Talk: "Gene environment interactions in lung cancer"
Kresge 212	1:30 – 3:00 pm	<b>Intro to Biostatistics Course</b> Instructor: Alisa Stephens, PhD



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<p><b>Thursday June 14, 2012</b></p>	<p>9:30 – 3:30 pm</p>	<p><b>Field Trip to the Ragon Institute of MGH, MIT &amp; Harvard</b>          Since HIV/AIDS emerged as a global health problem nearly thirty years ago, scientists have made significant gains and impressive breakthroughs in our understanding of the disease and how to treat it. Nonetheless, the development of an effective HIV/AIDS vaccine – the best hope for ending the epidemic – remains an elusive target.</p> <p>The complexity of the task is underscored by the infinite variability of the virus, its Houdini-like capacity to escape immune system attack and the inability – so far – of the world’s best scientific minds to overcome these and other well-identified obstacles to vaccine development. To overcome such hurdles, existing research efforts must be complemented and bolstered with additional brainpower, fresh perspectives, enhanced cross-disciplinary collaborations, and the resources necessary to create and implement innovative solutions.</p> <p><i>The day will consist of: a general presentation on HIV and why they do work on this important research at Ragon; examples of experiments, a tour of the institute, lunch with various members of the institute with an informal discussion on career paths. And finally you will visit one or two labs to see the current research being done on HIV/AIDS.</i></p>
<p><b>Friday June 15, 2012</b> Kresge 201</p>	<p>9:30 – 11:00 am  1:00 – 3:00 pm</p>	<p><b>Intro to Epidemiology</b> Instructor: Marcelle Dougan</p> <p><b>Tour of Harvard Yard</b> <i>Tentatively</i></p>
	<p>Suggested Activity</p>	<p><b>Free Friday Flicks on the Hatch Shell</b> Happy Feet 2 is featured at 8:45</p> <p>The Hatch Shell is a bowl-style outdoor stage located on the south bank of the Charles River. The Hatch Shell has an open field or "lawn" in front of it. The park on the Boston side of the Charles is known as the Esplanade, or officially the Charles River Reservation. The Hatch Shell lawn fills up on a first-come, first-serve basis. Bring a blanket or lawn chair and enjoy this family-friendly free event.</p> <p>Arrive before sunset!</p>
<p><b>Saturday June 16, 2012</b></p>	<p>Suggested Activity</p>	<p><b>The Greenway Open Market</b></p> <p>The Greenway Open Market is an expansion of the successful and nationally recognized SoWa Open Market. Now in its 2nd season, the market will be open every Saturday May 26, 2012 through October 27, 2012. Rain or shine, 60 juried art and craft vendors will be selling their work throughout the Wharf District Parks on the Rose Kennedy Greenway. Visitors should expect to find exceptional handmade (and environmentally responsible) products ranging from jewelry, handbags, metal work, paintings, photography, ceramics and designer accessories.</p> <p>Come explore the parks, take in the city sights from the comfort of tree-lined promenades, soak up sunshine, play in the Rings Fountain, eat at a food truck, and of course shop a variety of market vendors for something truly original!</p>



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		<p>Directions: The closest subway stop is just 100 yards from the Aquarium. It is the Aquarium stop on MBTA's Blue Line. All other subway lines connect to the Blue Line, and stops off all of the lines are only a short walk from the market, including the State stop on the Orange Line (8-minute walk), the Government Center stop on the Green Line (10-minute walk), and the South Station stop on the Red Line (10-15-minute walk).</p>
<b>Week 3</b>		
<b>Sunday June 17, 2012</b>		
<b>Monday June 18, 2012</b> Kresge 201	9: 30 – 11:00 am	<b>Intro to Epidemiology Course</b> Instructor: Marcelle Dougan
	11:00 – Noon	<b>BREAK</b>
Kresge 907	Noon – 1:30 pm	<b>Lunch Presentation</b> John Quackenbush, Professor, Biostatistics Talk: "Computational Biology in the age of the \$1000 Genome"
<b>Building 2- Room 426</b>	1:30 –3:00 pm	<b>Intro to Biostatistics Course</b> Instructor: Alisa Stephens, PhD
<b>Tuesday June 19, 2012</b> Kresge 201	9: 30 – 11:00 am	<b>Intro to Epidemiology Course</b> Instructor: Marcelle Dougan
	11:00am – Noon	<b>BREAK</b>
Kresge 201	Noon – 1:30 pm	<b>Lunch Presentation</b> Sebastien Haneuse, Assistant Professor, Biostatistics
Kresge 212	1: 30 – 3:00 pm	<b>Introduction to Biostatistics</b> Instructor: Alisa Stephens, PhD
<b>Wednesda y June 20, 2012</b> Kresge 201	9:30 – 11:00 am	<b>Intro to Epidemiology</b> Instructor: Marcelle Dougan
	11:00—Noon	<b>BREAK</b>
Kresge 201	Noon—1:30 pm	<b>Lunch Presentation</b> Meir Stampfer, Professor, Epidemiology
Kresge 212	1:30 –3:00 pm	<b>Intro to Biostatics</b> Instructor: Alisa Stephens, PhD
<b>Thursday June 21, 2012</b> Kresge 201	9:30 – 11:00 am	<b>Intro to Epidemiology Course</b> Instructor: Marcelle Dougan
	11:00am – Noon	<b>BREAK</b>



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Kresge 201	Noon –1:30	<b>Lunch with Current Students</b>
Kresge 212	1:30 – 3:00 pm	<b>Intro to Biostatistics</b> Instructor: Alisa Stephens, PhD
<b>Friday June 22, 2012</b> Kresge 201	9:30 – 11:00 am	<b>Intro to Epidemiology</b> Instructor: Marcelle Dougan
	11:00 – Noon	<b>BREAK</b>
Kresge 210	Noon – 5:00 pm	<b>GRE Practice</b>
<b>Saturday June 23, 2012</b>	Suggested Activity	<b>Phantom Gourmet BBQ Beach Party 6/23-6/24 12:00p to 9:45p at Boston City Hall Plaza, Boston, MA</b> <a href="http://bbg.phantomgourmet.com/">http://bbg.phantomgourmet.com/</a> One of the premiere rib fests in the nation, featuring the greatest barbecue teams in the world from Australia to Texas to Virginia, plus your favorite summer foods, beer gardens, tons of sand, music, and a Ferris Wheel.  Tickets are \$5 in advance, \$10 at the event
<b>Week 4</b>		
<b>Sunday June 24, 2012</b>		
<b>Monday June 25, 2012</b> Kresge 201	9:30 – 11:00 am	<b>Intro to Epidemiology</b>
	11:00 am – Noon	<b>BREAK</b>
	Noon – 1:30 pm	<b>Lunch Presentation</b> Carol Martin, Program Manager, The Program for Faculty Development and Diversity, Catalyst
Kresge 212	1:30 –3:00 pm	<b>Intro to Biostatistics</b> Instructor: Alisa Stephens, PhD
<b>Tuesday June 26, 2012</b> Kresge 201	9:30 – 11:00 am	<b>Intro to Epidemiology</b> Instructor: Marcelle Dougan
	11:00 am – Noon	<b>BREAK</b>
Kresge 201	Noon – 1: 30 pm	<b>Lunch Presentation</b> Rebecca Betensky, Professor, Biostatistics
Kresge 212	1:30 – 3:00 pm	<b>Intro to Biostatistics</b> Instructor: Alisa Stephens
<b>Wednesda y June 27, 2012</b>	9:30 – 11:00 am	<b>Intro to Epidemiology</b> Instructor: Marcelle Dougan



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Kresge 201		
	11:00 – Noon	<b>BREAK</b>
Kresge 201	Noon – 1:30 pm	<b>Lunch Presentation</b> Goodarz Danaei, Assistant Professor, Global Health
<b>Thursday June 28, 2012</b> Kresge 201	12:00 – 1:30 pm	<b>Lunch Presentation</b> Lorelei Mucci, Associate Professor, Epidemiology
<b>Friday June 29, 2012</b> Kresge 907	9:00 – 11:00	<b>Presentations</b>
<b>Saturday June 30, 2012</b>		<b>Students head home to enjoy the rest of their summer!</b>