



Harvard School of Public Health

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Summer Program in Quantitative Sciences 2011





Summer Program in Quantitative Sciences, June 2 – June 30, 2011 Calendar of Events

Morning classes will meet in FXB G-11

Afternoon lectures will meet in Biostatistics conference room 2-426

Intro to Stata and Computer Lab Hours will meet in Kresge 209

FXB G-11 is reserved every day exclusively for the Summer Program from 9:00am to 11:00am

Kresge 209 is reserved every day exclusively for the Summer Program from 3:00pm to 5:00pm

WEEK ONE		
Thursday June 2	3:00 – 6:00 pm Wentworth 6:00 pm Wentworth 7:00 pm	Summer Program Participants will arrive throughout the afternoon and familiarize themselves with the residential hall at Wentworth Institute of Technology at 555 Huntington Avenue Residential Hall Orientation at Wentworth dorm, 555 Huntington Avenue (Ms. Shruti Tekwani, Wentworth Residence Hall Advisor, 774-955-6625) Welcome Dinner: California Pizza Kitchen Members of HSPH will go to the dinner after the orientation session from the dorm Address: Prudential Center (Green “E” Line, T Stop “Prudential”) Phone: 617-247-0888
Friday June 3	8:15 am Kresge Security Desk 9:00 am – 10:30 am Biostatistics 2-426 See below for student group meeting times 10:30am Kresge 5 th floor, Room 506G 1:00pm Kresge 8 th floor, Room 820 11:30am Bldg. 2, Room 423 12:30 – 1:30 pm 3:00 – 5:00 pm Kresge 209 To read for class tomorrow	Meet in FXB lobby Security Desk area to get pictures for IDs taken at HSPH ID Office, near Kresge Security Desk Orientation Breakfast: Program Introduction and Overview/Stipend Disbursement Dr. Rebecca Betenksy, Catherine Haskell, Felisa Nobles Administration of entry questionnaire Students groups will meet with their faculty and/or student mentors to begin their research Projects. Students and Research Projects to be decided. Marc Lipsitch, Professor of Epidemiology, and Elsa Hansen, Postdoctoral Research Fellow in Epidemiology: Project title: Assessing the impact of the hyper-infectious state of Vibrio cholerae on the outcome of vaccination campaigns Students: Cassandra Baker, Gabrielle Milner, and Michelle Rendón Eric Tchetgen Tchetgen, Assistant Professor of Biostatistics, and Dr. Alane Izu, recently graduated Biostatistics doctoral student: Project title: Age of immigration and duration in the United States as predictors of diabetes prevalence among older Latinos Students: Ashia Wilson, Henry Jackson, Amanda Alexander Christopher Barr, Assistant Professor of Biostatistics, and Shanshan Li, Epidemiology doctoral student: Project Title: Are smoking bans associated with improved cardiovascular health among older Americans? Students: Sarah Anoke, Kate Cauthen, and Steele Valenzuela Lunch on your own (Lunch will take place around 12-1:00 or 1:30 daily) STATA class: Getting started with STATA Dr. Alane Izu , Biostatistics and STATA expert Homework Assignment: Read the article “PC Versus Mac: An Exploration of the Computer Preferences of Harvard Students”. The article will be discussed during the first lecture of the course

<p>Saturday June 4</p>	<p>10:00am or 11:00am (suggested start)</p> <p>2:00pm</p> <p>Between 12:00 – 6:00pm</p> <p>5:30pm meet right outside of restaurant</p>	<p>Suggestions: Visit the Harvard Museum of Natural History in Harvard Square The Museum's permanent galleries showcase an astonishing collection of unique specimens that will intrigue and engage learners of all ages. Visitors encounter the rich diversity of life on earth, from dinosaurs to fossil invertebrates and reptiles, to large mammals, birds and fish, and the only mounted Kronosaurus. The mineralogical galleries present a systematic display of meteorites, minerals and gemstones. The galleries also house the historic Blaschka glass models of plants, popularly known as the Glass Flowers.</p> <p>Location: 26 Oxford Street, Cambridge, just past Harvard Yard. FREE with your Harvard ID. Open daily: 9:00 am to 5:00 pm</p> <p>The Harvard Museum of Natural History is adjacent to the Peabody Museum of Archaeology and Ethnology, and admission to one museum admits you to both during regular hours.</p> <p>Tour of Harvard campus, Harvard Square Harvard University features a historic campus and several world-class museums. Tours start at 1350 Massachusetts Avenue, Center of Holyoke Center Arcade http://www.harvard.edu/visitors/ See Harvard Square map in binder.</p> <p>If you have time, there is the Cambridge River Festival Memorial Drive between JFK St. and Western Ave., Cambridge, MA Between 12:00 pm to 6:00 pm</p> <p>The Cambridge River Festival celebrates the arts with a free outdoor event, attracting an enthusiastic audience of 200,000 to the banks of the Charles River. With 30 years under its belt, the River Festival has become a venerated Cambridge Institution and a highly anticipated annual event. Beginning with a procession from Harvard Square to the Charles River, the Festival's enormous variety of visual and performing art and food reflects the city's diverse neighborhoods and cultural heritage.</p> <p>Visitors experience a wide array of Cambridge-based visual and performing arts which extend along a mile-long stretch of Memorial Drive between JFK Street and Western Avenue. The Cambridge River Festival collaborates with many local organizations and programs to showcase multiple stages of live national and local jazz, folk, world music, dance, poetry and theater performances. Visitors also enjoy family entertainment, hands-on art-making activities and demonstrations, crafts, and a grand assortment of specialty foods and traditional festival fare.</p> <p>Between Harvard Square & Central Square on Memorial Drive. Harvard Square on the Red Line</p> <p>Dinner at Border Café Restaurant with Epidemiology doctoral student John Jackson and Felisa Nobles 32 Church Street, Cambridge (Harvard Square) 617-864-6100</p> <p>Tex-Mex and Cajun cooking. This busy eatery does not take reservations but at 5:30pm, they should be able to accommodate a large group.</p>
<p>Sunday June 5</p>	<p>9:30 am 10:00 am – 1:00 pm</p> <p>1:00pm after walk</p>	<p>Meet Dept. of Biostatistics at the Hatch Shell for the Boston AIDS Walk Boston AIDS Walk (Charles Street T stop on the Red Line)</p> <p>Lunch at nearby restaurant with Levi Waldron, Biostatistics post-doc, and Christina McIntosh, Biostatistics doctoral student</p>

WEEK TWO

<p>Monday June 6</p>	<p>9:00 – 11:00 am FXB G-11</p> <p>11:30 – 12:00pm 4th floor lobby atrium area</p> <p>12:30 – 2:00 pm Biostatistics 2-426</p> <p>3:00 – 5:00 pm Kresge 209</p>	<p>Introduction to Biostatistics Instructor: Miguel Marino Doctoral Student, HSPH Biostatistics</p> <p>Introduction to Biostatistics The material in this course will be covered over a 4-week period. This class will take place each morning from 9:00 am – 11:00am, unless noted otherwise. Introduction to Biostatistics acquaints the student with the basic concepts and methods of biostatistics, their applications, and their interpretation. The material covered includes data presentation, numerical summary measures, rates and standardization, and life tables. Probability is introduced to quantify uncertainty, especially as it pertains to diagnostic and screening methods. Also covered are sampling distributions so that students may be introduced to confidence intervals and hypothesis testing. The computer is used throughout the course, and the student will gain familiarity with the software package STATA.</p> <p>Summer Program group and student photos taken in Biostats atrium</p> <p>Catered Lunch and Lecture: Dr. David Harrington, Professor of Biostatistics, Department of Biostatistics “The Cancer Care Outcomes and Surveillance Research Consortium: an Overview”</p> <p>STATA class: Hypothesis Testing Dr. Alane Izu, recent Biostatistics doctoral student</p>
<p>Tuesday June 7</p>	<p>9:00 – 11:00 am FXB G-11</p> <p>12:00 – 1:30 pm Biostatistic 2-426</p> <p>1:30 – 3:00 pm Biostatistic 2-426</p>	<p>Introduction to Biostatistics Basics of probability Diagnostic tests and Bayes' Theorem</p> <p>Catered Lunch with Biostatics Students</p> <p>Dr. Victor DeGruttola, Chair, Department of Biostatistics; Professor of Biostatistics Informal discussion on “Biostatistics and HIV/AIDS research”</p> <p>Suggestion: Jimmy Fund Scooper Bowl® Tuesday, June 7 – Thursday, June 9, 2011, Noon – 8 p.m. every day City Hall Plaza, Boston (Government Center stop on the Blue Line)</p> <p>The 29th annual Jimmy Fund Scooper Bowl® presented by FedEx will be held June 7 – 9 at Boston City Hall Plaza. The event will serve up ice cream, frozen yogurt, and sorbet from nine 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 \$2.9 million for cancer research and care. Tickets are \$8 each for adults.</p>
<p>Wednesday June 8</p>	<p>9:00 – 11:00 am FXB G-11</p> <p>12:00 – 1:30 pm Biostatistics 2-426</p> <p>1:30 – 3:00 pm Biostatistics 2-426</p> <p>3:00 – 5:00 pm Kresge 209</p> <p>6:00 pm – 9:00 pm</p>	<p>Introduction to Biostatistics Probability distributions Sampling distributions</p> <p>Lunch on your own</p> <p>Dr. Miguel Hernán, Associate Professor of Epidemiology “Draw your assumptions before your conclusions: Causal diagrams in biomedical research”</p> <p>STATA class: General Lab Dr. Alane Izu, recent Biostatistics doctoral student, and STATA expert</p> <p>Suggestion:</p> <p>The Museum of Fine Art, 465 Huntington Avenue (10 minute walk from HSPH) FREE to all on Wednesdays, from 4:00pm – 9:45pm</p>
<p>Thursday June 9</p>	<p>9:00 – 11:00 am FXB G-11</p> <p>12:00 – 1:30 pm Biostatistics 2-426</p> <p>1:30pm – 3:00 pm Biostatistics 2-426</p>	<p>Introduction to Biostatistics Statistical inference Confidence intervals</p> <p>Catered lunch with Biostatistics faculty</p> <p>Dr. Armin Schwartzman, Assistant Professor, Dept. of Biostatistics: “Large-scale multiple testing in genomics and imaging”</p>

	6:00pm – 8:00pm	<p>Volunteering at Community Servings Community Servings is dedicated to providing free home-delivered meals throughout eastern Massachusetts to people homebound with HIV/AIDS and other acute life-threatening illnesses, who are unable to shop or cook for themselves. We provide our clients, their dependent families, and caregivers appealing, nutritious meals, reaching out to those in greatest need. Our goals are to help our clients maintain their health and dignity, provide nutritionally and culturally appropriate meals, preserve the integrity of their family, and send the message that someone cares.</p> <p>Our clients come from very diverse backgrounds and represent many different ethnicities. 95%, however, are living in poverty. 58% are men, 42% are women. 71% of our meals go to people of color, including African-American, Latino, Haitian, and Cape Verdean clients. Children receive 33% of our meals, and 80% of their caregivers are single parents.</p> <p>http://www.servings.org/ Phone: (617) 522-7777; 18 Marbury Terrace, Jamaica Plain, MA 02130</p> <p>They are expecting you there at 6pm so you will probably want to leave around 5:00pm to allow time to get there. The easiest way to the Orange Line from the Wentworth dorms is to walk to the Ruggles station.</p> <p>Since it will be in an industrial kitchen, there are a few rules: Wellness: everyone should be 100% healthy to be here and work in our facility and with food. No food-borne illnesses, flu, fever, cold or allergy symptoms, no open soars or cuts on hands from wrists to finger tips that can not be covered by bandages or gloves. Dress: no shorts or short skirts, no sandals or sleeveless shirts. Every one should wear shoes that cover and protect their feet and are comfortable to stand in, pants or long skirts, and shirts that have at least a t-shirt length sleeve. Anyone not well or dressed properly will not be able to participate.</p> <p>MBTA Directions: From the Orange Line Stoney Brook Station: From T stop, proceed left, when you reach the first gateway turn left. Walk 200 yards down path, past Legal Services Building on your right. Our building is the next building on the right with a green bottom and white top. When you reach the skating rink, proceed to the right onto Marbury Terrace and the building is on your right.</p>
Friday June 10	9:00 – 11:00 am FXB G-11 11:30 am – 12:30 pm 35 Wiggelsworth St. 2 nd floor 12:30pm – 1:30pm 1:30 pm – 3:00 pm Biostatistics 2-426 3:00 – 4:30 pm	<p>Introduction to Biostatistics Hypothesis testing Two group comparisons</p> <p>Visit to Office of Diversity, Director Dale Trevino and Associate Director of Student and Fellow Experience, Betty Johnson</p> <p>Lunch on your own</p> <p>Dr. Francesca Dominici, Professor of Biostatistics Air Pollution, Climate Change and Health: Statistical Challenges</p> <p>ONLINE Human Subjects Training</p> <p>This training fulfills NIH's requirements for human subjects protection training. It includes the history, definitions, ethical principles, informed consent, regulations, and federal assurance of compliance topics regarding human subject research. You should get a certificate of completion at the end.</p> <p>Here is the link to the Harvard Ethics Training in Human Research online training: https://hethr.harvard.edu/HethrLogin.jsp</p> <p>Since most of you don't have Harvard ID numbers, you can click on the Register button on the bottom right, under "New Users without HUID" and go from there.</p>
Saturday June 11	11:00 am – 1:30pm Kaplan Test Prep and Admissions 39 JFK St Cambridge, MA 02138 (Harvard Square T stop) Go to the front desk on the 3 rd floor to be directed to the test room	<p>GRE Practice Exam—Test and Feedback Session</p> <p>Kaplan Educational Center is one of the nation's premier education companies providing students with a full range of resources to achieve their educational goals. During this time, Kaplan will provide you with an opportunity to prepare for GRE testing. Students will take a practice exam administered under simulated testing conditions and find out their scores on their exam. Contact: Kendra Devi: kendra.devi@kaplan.com 617-999-3383</p>

	<p>46 Joy Street (On the corner of Smith Court, on Beacon Hill, Boston)</p>	<p>These are some FREE suggestions:</p> <p>Suggestion #1: African American Museum</p> <p>The African Meeting House and Abiel Smith School on Beacon Hill, both built in the early 1800's, are two of the Museum of African American History's most valuable assets. Located in what once was the heart of Boston's 19th-century African American community, these buildings remain a showcase of black community organization and enduring testimony to black craftsmanship.</p> <p>Once a church, a school, a vital community meeting place, the African Meeting House is open to the public. The Abiel Smith School, the nation's first public school for African American children, currently houses a first-class exhibit space and the museum store.</p> <p>Take the Red or Green Line to Park Street. Walk up Park Street toward the State House (gold dome) on Beacon Street. Turn left onto Beacon and right onto Joy Street. The Museum is located at 46 Joy Street.</p> <p>10AM to 4PM, Monday through Saturday.</p> <p>Suggestion #2: Black Heritage Trail http://www.afroammuseum.org/trail.htm The Black Heritage Trail® is a walking tour that explores the history of Boston's 19th century African American community.</p> <p>Guided walking tours are offered by the National Park Service daily, Memorial Day weekend through Labor Day weekend, and other times by special request. A self-guided walking tour map and guide is also available. For more information on the tour, please contact the museum.</p> <p>The trail consists of 14 sites and begins at the Robert Gould Shaw Memorial on Beacon Street.</p> <p>Ranger guided tours of the Black Heritage Trail are conducted as follows: Monday-Saturday; 10:00 a.m., 12:00 p.m., 2:00 p.m.; for groups of 5 people or more, please call 24 hours in advance for reservations: 617-742-5415.</p> <p>Suggestion #3: Dragon Boat Festival The Charles River in Cambridge, Cambridge, MA Spanning nearly 2300 years, the Dragon Boat Festival transforms old traditions into an exciting sporting and cultural event, on the Charles River.</p> <p>Performances. Arts and crafts demonstrations. Tasty Asian foods. Free admission. Join us for North America's longest running Dragon Boat Festival! read more.</p> <p>See our homepage: http://www.bostondragonboat.org/</p>
<p>Sunday June 12</p>	<p>11:00am Alisa will meet you at dorm lobby</p> <p>Lunch around 12:00pm</p>	<p>Lunch with Alisa Stephens, Biostatistics doctoral student Merengue Restaurant http://www.merenguerestaurant.com/ "A Dominican dining experience"</p> <p>156-160 Blue Hill Avenue Boston MA 02119 Phone (617) 445-5403</p> <p>Alisa will meet everyone at the Wentworth dorm lobby at 11:00am and she will guide you there via the bus.</p> <p>Suggestion: New England Aquarium* Central Wharf Boston (617) 973-5205</p> <p>Within its compact exhibit space, the Aquarium shows off everything from a lumbering, 500-pound sea turtle to the ghostly swirl of jellyfish just inside the front entrance. Flap your wings at the African and rockhopper penguins basking in the floodlights, and welcome the little blue penguins recently added to the renovated exhibit. The little blues, the smallest of the world's 17 penguin species, are a noisy little bunch. http://www.nea.com</p> <p>*Reduced-price tickets available at Outings and Innings: The Outings & Innings Office regularly* visits Kresge Cafeteria on the second and fourth Wednesday of each month (June 8 and June 22) from 10:00 a.m. to 1:00 p.m. at the Harvard School of Public Health.</p>

WEEK THREE

<p>Monday June 13</p>	<p>9:00 – 11:00 am FXB G-11</p> <p>12:00pm – 1:30pm</p> <p>1:30pm – 3:00pm</p> <p>3:00 – 5:00 pm Kresge 209</p>	<p>Introduction to Biostatistics Correlation Simple linear regression</p> <p>Catered Lunch: Opportunities for undergraduate and graduate studies: Dr. Rebecca Betensky and Catherine Haskell</p> <ul style="list-style-type: none"> - Conferences for Minority Students - Summer Internships - Graduate Schools - Funding Possibilities <p>Dr. Arachu Castro, PhD, MPH, Assistant Professor of Social Medicine Program in Infectious Disease and Social Change, Department of Global Health and Social Medicine Harvard Medical School "Strategies to Improve Maternal Health in Latin America and the Caribbean"</p> <p>STATA class: Linear regression & Logistic regression Dr. Alane Izu, recent Biostatistics doctoral student</p>
<p>Tuesday June 14</p>	<p>9:00 – 11:00 am FXB G-11</p> <p>12:00pm – 1:30pm</p> <p>1:30pm – 3:00pm Biostatistics 2-426</p>	<p>Introduction to Biostatistics Multiple linear regression</p> <p>Lunch on your own</p> <p>Dr. William Hanage, Assistant Professor of Epidemiology "The genetics of infectious diseases: from molecules to models"</p>
<p>Wednesday June 15</p>	<p>9:00 – 11:00 am FXB G-11</p> <p>11:30 – 12:30/1:00pm Biostatistics 2-426</p> <p>1:30pm – 2:45pm Biostatistics 2-426</p> <p>3:00 – 5:00 pm Kresge 209</p>	<p>Introduction to Biostatistics Proportions Conigency Tables</p> <p>Catered Lunch with HSPH Admissions representatives Kerri Noonan, Assistant Director of Admissions at HSPH; David Wypij, Director of Graduate Studies in the Dept. of Biostatistics at HSPH; and Felisa Nobles, Outreach Manager, Center for Communicable Diseases, Dept. of Epidemiology at HSPH</p> <p>Lorelei Mucci, Assistant Professor of Epidemiology "The Burden of Prostate Cancer and New Research Opportunities"</p> <p>STATA class: Linear regression & Logistic regression Dr. Alane Izu, recent Biostatistics doctoral student</p>
<p>Thursday June 16</p>	<p>9:00 – 11:00 am FXB G-11</p> <p>12:00pm – 1:30pm Biostatistics 2-426</p> <p>1:30pm – 3:00 pm Biostatistics 2-426</p> <p>6:00 pm</p>	<p>Introduction to Biostatistics Odds ratios and logistic regression</p> <p>Catered Lunch with Dept. of Epidemiology students</p> <p>Nutrition/Epidemiology lecture: Dr. Walter Willett, Chair, Department of Nutrition, Fredrick John Stare Professor of Epidemiology and Nutrition, Dept. of Nutrition & Department of Epidemiology "Diet and Health: A Progress Report" Division of Biological Sciences program students will join us Suggestion: The new Institute of Contemporary Art, http://www.icaboston.org/ FREE from 5:00 – 9:00 pm on Thursdays 100 Northern Avenue, Boston's waterfront MBTA directions: Take the Red Line to South Station. At South Station take the Silver Line to the World Trade Center stop. 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 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>Friday June 17</p>	<p>9:00 – 11:00 am FXB G-11</p> <p>12:00pm-1:30pm</p> <p>1:30pm – 3:00pm Biostatistics 2-426</p> <p>3:00pm – 4:30pm Kresge 209</p> <p>4:30 pm – 6:00pm Bldg. 2 Room 426</p>	<p>Introduction to Biostatistics More logistic regression</p> <p>Lunch on your own</p> <p>Career/Research Talk with Alisa Stephens, Biostatistics doctoral student</p> <p>STATA class: Linear regression & Logistic regression Dr. Alane Izu, recent Biostatistics doctoral student</p> <p>Dept. of Biostatistics Pizza party</p>

Saturday June 18		FREE DAY
Sunday June 19	<p>10:15 am</p> <p>11:00 am</p> <p>1:00 pm</p>	<p>Meet in lobby of Wentworth dorm: Regina Joice and Division of Biological Sciences program students (6) will meet you there</p> <p>Brunch at the Union Grill with Regina Joice, doctoral student in Division of Biological Sciences, and the DBS students 1357 Washington Street, South End, Boston http://www.unionrestaurant.com/about.php</p> <p>DIRECTIONS FROM GREEN LINE T</p> <ul style="list-style-type: none"> •Copley Square stop •Rise from station to Boylston Street/Dartmouth Street •Walk South on Dartmouth •Through intersection St. James Avenue, Stuart Street, Columbus Avenue, Tremont Street... •Left on Washington •1 and 1/2 blocks to 1357 Washington Street (15 minute walk) <p>Suggestion:</p> <p>SoWa Market 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 the end of October, SoWa will be open from 10 a.m.-4 p.m. at 460 Harrison Ave. http://www.southendopenmarket.com/index.htm</p> <p>Museum of Science with Division of Biological Sciences students with free passes</p> <p>Take the green line outbound to "Science Park" T stop Schedule for the day available at: http://www.mos.org/visitor_info/daily_schedule?dt=1243785600</p>

WEEK FOUR

<p>Monday June 20</p>	<p>9:00am 10:00 am – 12:00pm 12:00pm – 1:00pm 1:30pm – 3:00pm GCD conference room Building 1, Room 209</p>	<p>NO BIOSTATISTICS CLASS</p> <p>Meet at M2 shuttle stop at Longwood and Avenue Louis Pasteur to go to Broad Institute</p> <p>FIELD TRIP: Tour of BROAD Institute and genome sequencing lab 320 Charles Street, Cambridge</p> <p>Lunch on your own</p> <p>Co-Lecture: Dr. Curtis Huttenhower, Assistant Professor of Computational Biology and Bioinformatics, Department of Biostatistics; and Dr. Matthias Marti, Assistant Professor of Immunology and Infectious Diseases, Department of Immunology and Infectious Diseases "Systems approaches to malaria and the microbiome" : informal discussion Division of Biological Sciences summer students also invited.</p>
<p>Tuesday June 21</p>	<p>9:00 am -11:00 am FXB G-11 12:00 pm – 1:30 pm Biostatistics 2-426 1:30 pm – 3:00 pm Biostatistics 2-426</p>	<p>NO BIOSTATISTICS CLASS</p> <p>Special Session: Transmission and Dynamics of Infectious Disease Application</p> <p>Dr. Marc Lipsitch (Professor of Epidemiology, Dept. of Epidemiology and Department of Immunology and Infectious Diseases)</p> <p>Catered lunch with Society, Human Development, and Health (SHDH) students</p> <p>Lecture: Dr. Julio Frenk, Dean, Harvard School of Public Health "Knowledge Translation for Health: The Marriage of Relevance and Excellence" Introduction by Dr. Rebecca Betensky; Division of Biological Sciences summer program students will join us</p>
<p>Wednesday June 22</p>	<p>12:00pm-1:30pm 1:30pm – 3:00pm Biostatistics 2-426</p>	<p>NO BIOSTATISTICS CLASS</p> <p>Lunch on your own</p> <p>Lecture: Dr. Bethany Hedt, Postdoctoral research fellow, Dept. of Biostatistics Statistics for health program monitoring and evaluation</p>
<p>Thursday, June 23</p>	<p>9:00 – 11:00 am FXB G-11 12:00pm -1:30pm Biostatistics 2-426 1:30pm – 3:00pm 5:30 – 7:30 pm Court Yard Café Warren Alpert Building 200 Longwood Avenue</p>	<p>Introduction to Biostatistics Poisson regression</p> <p>Catered Lunch with Harvard Medical School's students in the Summer Clinical and Translational Research Program (SCTRP)</p> <p>Lecture: Carol Martin, Program Manager of SCTRP Professional development topics</p> <p>Harvard Medical School, Office of Diversity and Community Partnership Dinner The Harvard Catalyst's Summer Clinical and Translational Research Program (SCTRP) sponsors this dinner for rising college students and college students in the summer programs</p> <p>Speaker: George Church</p>
<p>Friday, June 24</p>	<p>9:00 am – 11:00 am 1:30pm – 2:30/3:00pm 3:30 – 4:30 pm Kresge 209 4:30pm – 6:00pm TBA</p>	<p>Introduction to Biostatistics Survival analysis (LAST CLASS)</p> <p>FIELD TRIP to Partners in Health, 888 Commonwealth Avenue, Third Floor, Boston, MA</p> <p>PIH will host a discussion with our students STATA class: Linear regression & Logistic regression Dr. Alane Izu, recent Biostatistics doctoral student</p> <p>Pizza party with Division of Biological Science students</p>
<p>Saturday, June 25</p>	<p>TBA</p>	<p>Alane Izu will take students out to lunch or dinner</p>
<p>Sunday, June 26</p>		<p>FREE DAY</p>

WEEK FIVE

Monday June 27		Time to work on Project Presentations
Tuesday June 28	9:00am - 12:00 pm Biostatistics 2-426	<u>Project Presentation Rehearsal</u> **Required**
Wednesday June 29	<p>9:00 am – 11:00 am Biostatistics 2-426</p> <p>11:30 am – 1:00 pm Biostatistics 2-426</p> <p>1:00 pm – 1:30/2:00 pm Biostatistics 2-426</p> <p>3:00 pm – 5:00 pm Harvard Square</p> <p>4:30 pm – 7:00 pm Harvard Square</p>	<p><u>Summer Program in Biostatistics Project Presentations</u> Each Student will have approximately 20 minutes for presentations and 10 minutes for Questions and Answers. Everyone in the Dept. of Biostatistics is invited and faculty, mentors, and graduate students are expected to attend the presentations.</p> <p>Catered Lunch provided Completion of exit surveys</p> <p>Certificate Presentations Stan Hudson, Associate Dean for Student Services Harvard School of Public Health</p> <p>Harvard Graduate School Fair for the Harvard Summer Programs 3:00pm-4:00pm panel discussion; school fair from 4:00pm – 5:00pm Dudley House Dining Commons, Harvard Yard in Harvard Square, Cambridge Dudley House is right across Harvard Square T station, across Massachusetts Avenue The DBS students will likely join us to go to Cambridge.</p> <p>Harvard Summer Programs BBQ Queen's Head Pub (45 Quincy St., Cambridge; the basement of Memorial Hall)</p>
Thursday June 30		STUDENTS TRAVEL HOME