

## CURRENT TOPICS IN GENOMIC RESEARCH 2007

August 5 – August 10, 2007

### PARTICIPANT AGENDA

<b>Sunday, August 5</b>			
<b>FACULTY SCHEDULE</b>		<b>STUDENT SCHEDULE</b>	
<b>11:00am-11:45am</b>	Brunch/Introductions <i>Jeff Witherly / Vence Bonham, J.D.</i>  Location: Residence Inn, Bethesda	<b>11:00am-11:45am</b>	Brunch/Introductions <i>Jeff Witherly / Vence Bonham, J.D.</i>  Location: Residence Inn, Bethesda
<b>11:45am-1:00pm</b>	Course Overview/Overview of NIH <i>Vence Bonham, J.D.</i>  Location: Residence Inn, Bethesda	<b>11:45am-1:00pm</b>	Course Overview/Overview of NIH <i>Vence Bonham, J.D.</i>  Location: Residence Inn, Bethesda
<b>1:00pm-1:15pm</b>	Break / Snack	<b>1:00pm-1:15pm</b>	Break / Snack
<b>1:30pm-4:30pm</b> <b>(3:00 pm break)</b>	Genomics Refresher Course <i>Elizabeth Gillanders, Ph.D.</i>  Location: Residence Inn, Bethesda	<b>1:30pm-4:30pm</b> <b>(3:00 pm break)</b>	Genomics Refresher Course <i>Elizabeth Gillanders, Ph.D.</i>  Location: Residence Inn, Bethesda

## CURRENT TOPICS IN GENOMIC RESEARCH 2007

August 5 – August 10, 2007

### PARTICIPANT AGENDA

<b>Monday, August 6</b>			
<b>FACULTY SCHEDULE</b>		<b>STUDENT SCHEDULE</b>	
<b>8:00am-8:30am</b>	Continental breakfast Location: Natcher E1-E2	<b>8:00am-8:30am</b>	Continental breakfast Location: Natcher E1-E2
<b>8:30am-9:30am</b>	Sequencing Genomes <i>Eric Green, M.D., Ph.D.</i> Location: Natcher E1-E2	<b>8:30am-9:30am</b>	Sequencing Genomes <i>Eric Green, M.D., Ph.D.</i> Location: Natcher E1-E2
<b>9:45am-10:45am</b>	Unleashing the Dog Genome <i>Elaine Ostrander, Ph.D.</i> Location: Natcher E1-E2	<b>9:45am-10:45am</b>	Unleashing the Dog Genome <i>Elaine Ostrander, Ph.D.</i> Location: Natcher E1-E2
<b>11:00am-Noon</b>	How We Study Rare Diseases <i>Bill Gahl, M.D., Ph.D.</i> Location: Natcher E1-E2	<b>11:00am-Noon</b>	How We Study Rare Diseases <i>Bill Gahl, M.D., Ph.D.</i> Location: Natcher E1-E2
<b>12:00-1:00pm</b>	Lunch Location: Natcher Cafeteria	<b>12:00-1:00pm</b>	Lunch Location: Natcher Cafeteria
<b>1:00pm-2:00pm</b>	Research Using the Zebrafish Model <i>Shawn Burgess, Ph.D.</i> Location: Natcher E1-E2	<b>1:00pm-2:00pm</b>	Research Using the Zebrafish Model <i>Shawn Burgess, Ph.D.</i> Location: Natcher E1-E2

## CURRENT TOPICS IN GENOMIC RESEARCH 2007

August 5 – August 10, 2007

### PARTICIPANT AGENDA

<b>2:30pm-5:30pm</b>	<b>Lab and Technology Tours</b>  (1) Spectral Karyotyping (SKY) <i>Mike Difilippantonio, Ph.D.</i> Location: Bldg. 50, Room 1408  (2) Zebrafish Lab <i>Shawn Burgess, Ph.D.</i> Building 50, Room 5537  (3) Microarray technology <i>Abdel Elkahoun, Ph.D./</i> <i>Pnina Laric, M.S.</i> Location: Bldg. 50, Room 5231  (4) Faculty One-On-One Meetings	<b>2:30pm-5:30pm</b>	Bioinformatics Lab <i>Andy Baxevanis, Ph.D.</i> Location: Bldg. 50, Room 5328
----------------------	--	----------------------	---

## CURRENT TOPICS IN GENOMIC RESEARCH 2007

August 5 – August 10, 2007

### PARTICIPANT AGENDA

<b>Tuesday, August 7</b>			
<b>FACULTY SCHEDULE</b>		<b>STUDENT SCHEDULE</b>	
<b>8:00am-8:15 am</b>	Update for the day Location: Natcher E1-E2	<b>8:00 am-8:15 am</b>	Update for the day Location: Natcher E1-E2
<b>8:15am-9:15am</b>	The Genome and Beyond <i>Alan Guttmacher, M.D.</i> Location: Natcher E1-E2	<b>8:15am-9:15am</b>	The Genome and Beyond <i>Alan Guttmacher, M.D.</i> Location: Natcher E1-E2
<b>9:30am-10:30am</b>	Gene Therapy <i>Fabio Candotti, M.D.</i> Location: Natcher E1-E2	<b>9:30am-10:30am</b>	Gene Therapy <i>Fabio Candotti, M.D.</i> Location: Natcher E1-E2
<b>10:45-11:30am</b>	Educational Opportunities <i>NHGRI / Michelle Hamlet, Ph.D.</i> <i>NIH / Debbie Cohen, M.S.</i> Location: Natcher E1-E2	<b>10:45-11:30am</b>	Educational Opportunities <i>NHGRI / Michelle Hamlet, Ph.D.</i> <i>NIH / Debbie Cohen, M.S.</i> Location: Natcher E1-E2
<b>11:30am-12:30pm</b>	Lunch Location: Natcher Cafeteria	<b>11:30am-12:30pm</b>	Lunch Location: Natcher Cafeteria
<b>12:45 pm-2:00 pm</b>	Alumni Presentations: <i>Patricia Schneider, Ph.D.</i> <i>Carol Haspel, Ph.D.</i> <i>Anthony Arment, Ph.D.</i> Location: Natcher E1-E2	<b>12:45 pm-2:00 pm</b>	Alumni Presentations: <i>Patricia Schneider, Ph.D.</i> <i>Carol Haspel, Ph.D.</i> <i>Anthony Arment, Ph.D.</i> Location: Natcher E1-E2

## CURRENT TOPICS IN GENOMIC RESEARCH 2007

August 5 – August 10, 2007

### PARTICIPANT AGENDA

<b>2:30 pm-5:30pm</b>	Bioinformatics Lab  <i>Andy Baxevanis, Ph.D.</i> Location: Bldg. 50, Room 5328	<b>2:30 pm -5:30pm</b>	Lab and Technology Tours  (1) Spectral Karyotyping (SKY) <i>Mike Difilippantonio, Ph.D.</i> Location: Bldg. 50, Room 1408  (2) Zebrafish Lab <i>Shawn Burgess, Ph.D.</i> Building 50, Room 5537  (3) Microarray technology <i>Abdel Elkahoun, Ph.D./</i> <i>Pnina Laric, M.S.</i> Location: Bldg. 50, Room 5231
-----------------------	---	------------------------	--

## CURRENT TOPICS IN GENOMIC RESEARCH 2007

August 5 – August 10, 2007

### PARTICIPANT AGENDA

<b>Wednesday, August 8</b>			
<b>FACULTY SCHEDULE</b>		<b>STUDENT SCHEDULE</b>	
<b>8:15am-8:30am</b>	Update for the day Location: Natcher E1-E2	<b>8:15am-8:30am</b>	Update for the day Location: Natcher E1-E2
<b>8:30am-9:15am</b>	Genetic Counseling <i>Julie Sapp, Sc. M.</i> Location: Natcher E1-E2	<b>8:30am-9:15am</b>	Genetic Counseling <i>Julie Sapp, Sc. M.</i> Location: Natcher E1-E2
<b>9:30am-10:15am</b>	Soup to Nuts: DNA Sequencing and Biomedical Nanotechnologies <i>Jeff Schloss, Ph.D.</i> Location: Natcher E1-E2	<b>9:30am-10:15am</b>	Soup to Nuts: DNA Sequencing and Biomedical Nanotechnologies <i>Jeff Schloss, Ph.D.</i> Location: Natcher E1-E2
<b>10:15am-11:00am</b>	Realizing the Potential: Genomics and Human Subjects Research <i>Teri Manolio, M.D., Ph.D.</i> Location: Natcher E1-E2	<b>10:15am-11:00am</b>	Realizing the Potential: Genomics and Human Subjects Research <i>Teri Manolio, M.D., Ph.D.</i> Location: Natcher E1-E2
<b>11:00am-12:15 pm</b>	Group Photo (11-11:15) Lunch (11:15 - 12:15) Location: Natcher Cafeteria	<b>11:00am-12:15pm</b>	Group Photo (11-11:15) Lunch (11:15 - 12:15) Location: Natcher Cafeteria
<b>12:15pm-1:30 pm</b>	Alumni Presentations: <i>Vama Robson, Ph.D.</i> <i>Maria Alvarez, Ph.D.</i> <i>Andrew Williams, Ph.D.</i> Location: Natcher E1-E2	<b>12:15pm-1:30pm</b>	Alumni Presentations: <i>Vama Robson, Ph.D.</i> <i>Maria Alvarez, Ph.D.</i> <i>Andrew Williams, Ph.D.</i> Location: Natcher E1-E2
<b>1:45pm-3:00pm</b>	Education and Competitiveness: Our 21 <sup>st</sup> Century Challenge (online pre-lecture required) <i>Bruce Fuchs, Ph.D.</i> Location: Natcher E1-E2	<b>1:45pm-3:00pm</b>	Education and Competitiveness: Our 21 <sup>st</sup> Century Challenge (online pre-lecture required) <i>Bruce Fuchs, Ph.D.</i> Location: Natcher E1-E2

Department of Health and Human Services (DHHS)  
National Institutes of Health (NIH)  
National Human Genome Research Institute (NHGRI)

## CURRENT TOPICS IN GENOMIC RESEARCH 2007

August 5 – August 10, 2007

### PARTICIPANT AGENDA

<b>3:15 pm – 4:00 pm</b>	NIH Virtual Tour <i>Carol Jabir</i> Location: Little Natcher Auditorium	<b>3:15pm – 4:00 pm</b>	NIH Virtual Tour <i>Carol Jabir</i> Location: Little Natcher Auditorium
<b>4:15 pm- 5:00 pm</b>	National Library of Medicine Tour <i>Melanie Modlin</i>  Location: NLM	<b>4:15 pm- 5:00 pm</b>	National Library of Medicine Tour <i>Melanie Modlin</i>  Location: NLM

## CURRENT TOPICS IN GENOMIC RESEARCH 2007

August 5 – August 10, 2007

### PARTICIPANT AGENDA

<b>THURSDAY, AUGUST 9</b>			
<b>FACULTY SCHEDULE</b>		<b>STUDENT SCHEDULE</b>	
<b>8:00am-8:15am</b>	Update for the day	<b>8:00am-8:15am</b>	Update for the day
<b>8:15am-9:45am</b>	Race and Genetics <i>Vivian Ota Wang, Ph.D.</i> <i>Vence Bonham, J.D.</i>  Location: Natcher E1-E2	<b>8:15am-9:45am</b>	Race and Genetics <i>Vivian Ota Wang, Ph.D.</i> <i>Vence Bonham, J.D.</i>  Location: Natcher E1-E2
<b>9:50am-10:50am</b>	Ethical Issues in Genetics Research <i>Sara Hull, Ph.D.</i>  Location: Natcher E1-E2	<b>9:50am-10:50am</b>	Ethical Issues in Genetics Research <i>Sara Hull, Ph.D.</i>  Location: Natcher E1-E2
<b>11:00am-12:00pm</b>	Diabetes Research <i>Francis Collins, M.D., Ph.D.</i>  Location: Natcher E1-E2	<b>11:00am-12:00pm</b>	Diabetes Research <i>Francis Collins, M.D., Ph.D.</i>  Location: Natcher E1-E2
<b>12:00pm-1:00pm</b>	Lunch  Location: Natcher Cafeteria	<b>12:00pm-1:00pm</b>	Lunch  Location: Natcher Cafeteria
<b>1:00pm- 2:30pm</b>	Genome Trivia Game <i>Sarah Harding, M.P.H. /</i> <i>Carla Easter, Ph.D.</i>  Location: Natcher E1-E2	<b>1:00pm- 2:30pm</b>	Genome Trivia Game <i>Sarah Harding, M.P.H. /</i> <i>Carla Easter, Ph.D.</i>  Location: Natcher E1-E2
<b>5:30pm-7:30pm</b>	Koshland Museum Tour/Reception  Genomics in Medicine <i>Francis Collins, M.D., Ph.D.</i>  Location: Marian Koshland Science Museum, Washington, D.C.	<b>5:30pm-7:30pm</b>	Koshland Museum Tour/Reception  Genomics in Medicine <i>Francis Collins, M.D., Ph.D.</i>  Location: Marian Koshland Science Museum, Washington D.C.

## CURRENT TOPICS IN GENOMIC RESEARCH 2007

August 5 – August 10, 2007

### PARTICIPANT AGENDA

FRIDAY, AUGUST 10			
FACULTY SCHEDULE		STUDENT SCHEDULE	
<b>8:30am-10:30 am</b>	Grant Writing and Application Process  <i>Bettie Graham, Ph.D.</i> <i>Rudy Pozzatti, Ph.D.</i>  Location: Natcher E1-E2	<b>8:30am-11:30 am</b>	Lab Shadowing   Location: Meet at Natcher E1-E2
<b>10:30am-12:00pm</b>	Faculty Module Presentations  Location: Natcher E1-E2		
<b>12:00pm-1:00 pm</b>	Lunch and Course Evaluations  Location: Natcher E1-E2	<b>12:00pm-1:00 pm</b>	Lunch and Course Evaluations  Location: Natcher E1-E2