

Genomic Epidemiology in Africa (Durban 21st-26thJune 2015)

	Genomic Epidemiology in Africa 2013 - Durban, SA						
	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	
	HOTEL	Computer Room			SEMINAR ROOM		
08:00	Instructors visit K-RITH to check the computers and facilities	Transport	Transport	Transport	Transport	Transport	08:00
		COMPUTER ROOM	COMPUTER ROOM	COMPUTER ROOM	Seminars in Seminar room otherwise Computer Room	COMPUTER ROOM	
08:30		Setup, questions	Setup, questions	Setup, questions	Setup, questions	Setup, questions	08:30
09:00		Introduction to epidemiology	MalariaGEN practical in R (continued)	Preparing data for GWAS analysis	GUEST SPEAKER Professor Ayesha Motala Department of Diabetes and Endocrinology University of KwaZulu-Natal	JOURNAL CLUB presentations 15 min each group (5 groups?)	09:00
		Debo	Geraldine	Tommy			09:05
10:00		Computer orientation (Gavin)	self directed learning	self directed learning			09:20
10:30		Tea/Coffee	Tea/Coffee	Tea/Coffee	Discussions with Ayesha		09:25
11:00		Intro to R	Population genetics	GWAS practical (part 1): QC and association analysis Luke & Gavin	Study Design and participant questions	Final group Q&A (Kirk)	09:40
		Geraldine & Gavin	Gavin			Wrap-up (Debo)	09:45
12:00			Public resources (Luke)			Farewells (Kirk/Heidi)	10:00
		Lunch	Lunch	Lunch	Lunch	Lunch	10:30
13:00		Validity in epidemiological research	Public resources (Luke)	Sequencing	GWAS consortia and meta-analysis	Transport to hotel	11:00
			Intro to PCA	Luke	Geraldine		
14:00		Introduction to genetic association studies in Africa	Population genetics	Sequencing Practical	Power and meta-analysis		14:00
		Kirk	Tommy	Luke	Geraldine		
15:00	Registration	Tea/coffee	Tea/coffee	Tea/coffee	Tea/coffee		15:00
	Welcome and Introductions (Heidi)	MalariaGEN practical in R	Population genetics (continued)	Sequencing cont	finish of practicals		
16:00	Participant presentations			GWAS practical (part 2): Interpretation of results and population structure	GUEST SPEAKER Dr Tulio de Oliveira Senior Bioinformatics Researcher Africa Centre for Health and Population Studies, KwaZulu- Natal		16:00
		Geraldine					
17:00	round-up and Journal Club information (Kirk)	Journal Club groups	Journal Club groups	Luke & Gavin	Discussions with Tulio		17:00
	Welcome drinks (hotel)			Journal Club groups			
	Split into Journal Club Groups to meet instructors	mop-up	mop-up	mop-up	mop-up		
18:00	Dinner (Hotel)	Transport	Transport	Transport	Transport		18:00
19:00							19:00
20:00							20:00

Presentations	
start	stop
08:45	09:00
09:05	09:20
09:25	09:40
09:45	10:00
10:05	10:20