THE GMO DEBATE – SCIENCE AND SOCIETY -- FALL 2013

WEEK	DATE	SEMINAR/DISCUSSION TOPIC (TUESDAYS AND THURSDAYS)	SPEAKER/ACTIVITY	ASSESSMENT DUE
1	AUG 29	COURSE OVERVIEW AND MECHANICS, USING CONFLUENCE WHAT'S AT STAKE IN THE GMO DEBATE?	INSTRUCTORS TAKE THE PRE-COURSE SURVEY	'THE FUTURE OF FOOD' (VIDEO)
	SEPT 3	DIMENSIONS OF CONTENTION: *GLOBAL RIFT*	HERRING	'THE FUTURE OF FOOD' (VIDEO)
2	5**	WHAT'S A GMO? PLANT BIOTECH PAST, PRESENT & FUTURE	*DAN BUCKLEY*	
	10**	HOW TRANSGENIC PLANTS ARE PRODUCED I	*LISA EARLE*	ASSIGNMENT 1
3	12**	HOW TRANSGENIC PLANTS ARE PRODUCED II	*LISA EARLE*	
	17	AGRONOMY – WHAT IS "NORMAL"	HOBBS	
	19**	NUTRITION TRAITS – BIOFORTIFICATION - GOLDEN RICE AND CASSAVA	*HALE TUFAN*	
4	24	**GLOBAL OPPOSITION TO GMOs: THE EMPEROR HAS NO CLOTHES**		
	26	BIOSAFETY AND RISK	THIES	
	OCT 1	BIOSAFETY TRAIT CASE STUDY ECOLOGICAL RISKS & BENEFITS OF BT CROPS	*TONY SHELTON*	ASSIGNMENT 2
5	3	GMOs AND POOR FARMERS: CASE STUDY OF *BT CROPS IN INDIA AND STEALTH SEEDS*	HERRING	
	8**	GENETICALLY ENGINEERED DISEASE RESISTANCE: RINGSPOT VIRUS IN PAPAYA	*SARAH DAVIDSON*	
7	10**	STATE RESPONSES TO RISK: BIOSAFETY REGIMES	*CLARA COHEN*	
	15	*FALL BREAK*		
8	17**	REGULATION OF GMOS: SEED AND STATE	*MIKE WACH*	
	22	JUNK SCIENCE	DAVIES	
	24	*STUDENT PROJECT AND DISCUSSION I FOOD SAFETY*		
	29	BIOTECH AND DEVELOPMENT: RISK/BENEFIT MATRICES	HERRING	
10	31	*STUDENT PROJECT AND DISCUSSION II ENVIRONMENTAL SAFETY*		
	NOV 5	SOCIAL MOVEMENTS	HERRING	ASSIGNMENT 3
11	7	*STUDENT LED DISCUSSION III BIOTECH AND DEVELOPMENT*		
	12	GMO AND TRADE	DAVIES	
	14	*STUDENT PROJECT AND DISCUSSION IV SOCIAL MOVEMENTS*		
	19**	SUSTAINABILITY AND TECHNICAL CHANGE IN GLOBAL FOOD	*DAVID LEE*	
13	21	CAN'T WE ALL GET ALONG - COEXISTENCE	THIES	
	26	ETHICS, TECHNOLOGY AND POLITICS	HERRING	
	28	**THANKSGIVING BREAK**		
14	DEC 3	FRONTIERS: CLIMATE CHANGE AND TECHNOLOGICAL CHANGE	*JACK BOBO*	
	5	FINAL DISCUSSION: SCIENCE, POLITICS AND PUBLIC POLICY BEYOND THE GMO	DAVIES/THIES/ HOBBS/HERRING	POST-COURSE SURVEY
		FINAL PAPERS SUBMITTED FOR GRADING		**FINAL PROJECT**

Guest faculty and outside speakers in italics