

# Group 1

Discussion Question: Considering the recent news case, should law enforcement be able to create a fake profile on a DNA site? Does the end justify the means in some cases? What actions or regulations would you recommend in similar future cases, given that DNA sites will continue to expand?

*After 10-15min, have one person stay put and everyone else choose a different group to move to (then describe what your first group talked about). Then at 11:10 we'll all meet back in 181.*

# Group 2

Discussion Question: The *Nature Reviews* article describes how DNA could be used to reconstruct biogeographic ancestry and externally visible characteristics. They suggest using this as part of criminal investigations, as well as disaster victim identification. What ethical issues arise with this type of technology, and how will these *change* as the technology improves? Where would you draw the line in terms of how this technology should be used?

*After 10-15min, have one person stay put and everyone else choose a different group to move to (then describe what your first group talked about). Then at 11:10 we'll all meet back in 181.*

# Group 3

Discussion Question: In many states in the US, DNA from suspects is collected at time of arrest, not at conviction. What ethical issues does this practice raise? Should everyone's DNA be part of a national database?

*After 10-15min, have one person stay put and everyone else choose a different group to move to (then describe what your first group talked about). Then at 11:10 we'll all meet back in 181.*

# Group 4

Discussion Question: Scientists have called for the release of forensic DNA databases to a select group of researchers. The idea is that trained geneticists will be able to determine the uncertainty of a “match”, and say how that uncertainty changes across different populations. Would you be in favor of this release of information? What issues arise in either case?

*After 10-15min, have one person stay put and everyone else choose a different group to move to (then describe what your first group talked about). Then at 11:10 we'll all meet back in 181.*

# Group 5

Discussion Question: 23andMe (as well as other DNA sites) have expanded rapidly in recent years (23andMe now has SNPs from 5 million individuals). What *opportunities* do these companies have for impacting human health? What *responsibilities* do these companies have going forward? (i.e. think about pros and cons of these companies)

*After 10-15min, have one person stay put and everyone else choose a different group to move to (then describe what your first group talked about). Then at 11:10 we'll all meet back in 181.*

# Group 6

Discussion Question: The *Nature Reviews* article discusses both forensics and disaster victim identification (DVI). What differing ethical issues arise in using DNA data for each case? How should the use of family member DNA differ in these two cases?

*After 10-15min, have one person stay put and everyone else choose a different group to move to (then describe what your first group talked about). Then at 11:10 we'll all meet back in 181.*