Parkland College

A with Honors Projects

Honors Program

2012

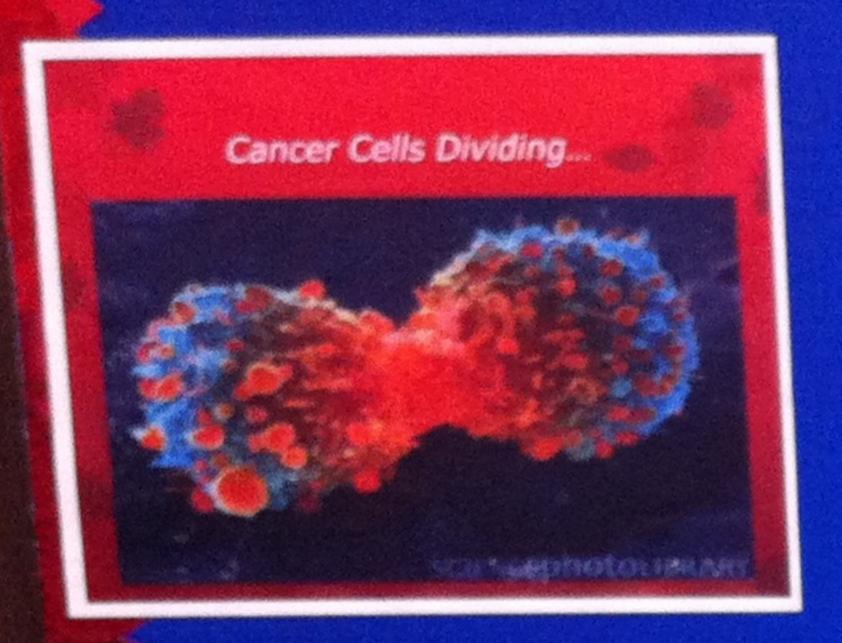
Genetics and Cancer

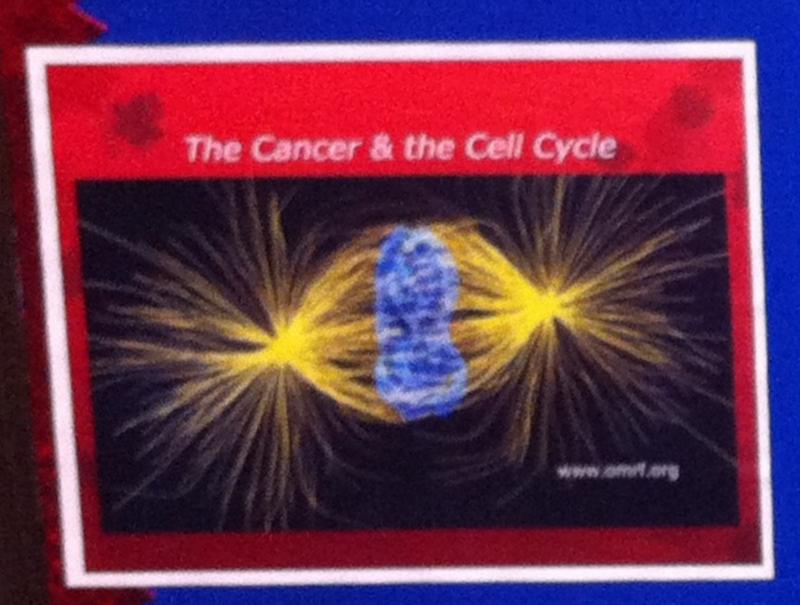
Sachin Puri Parkland College

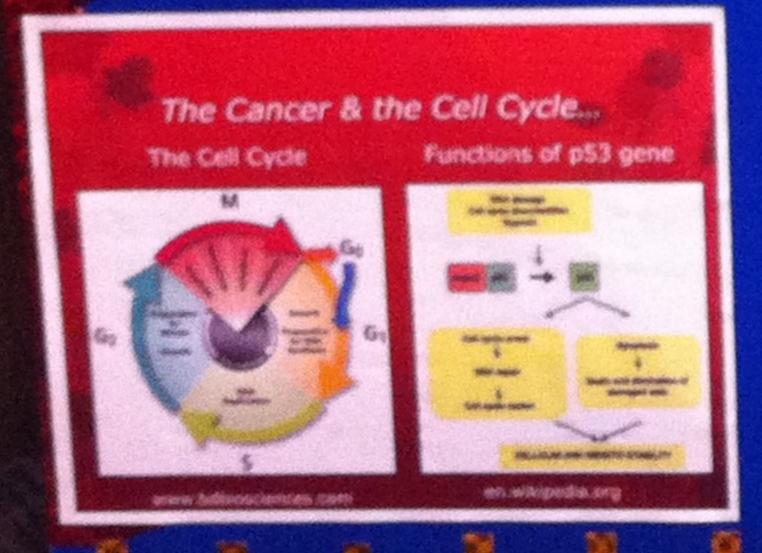
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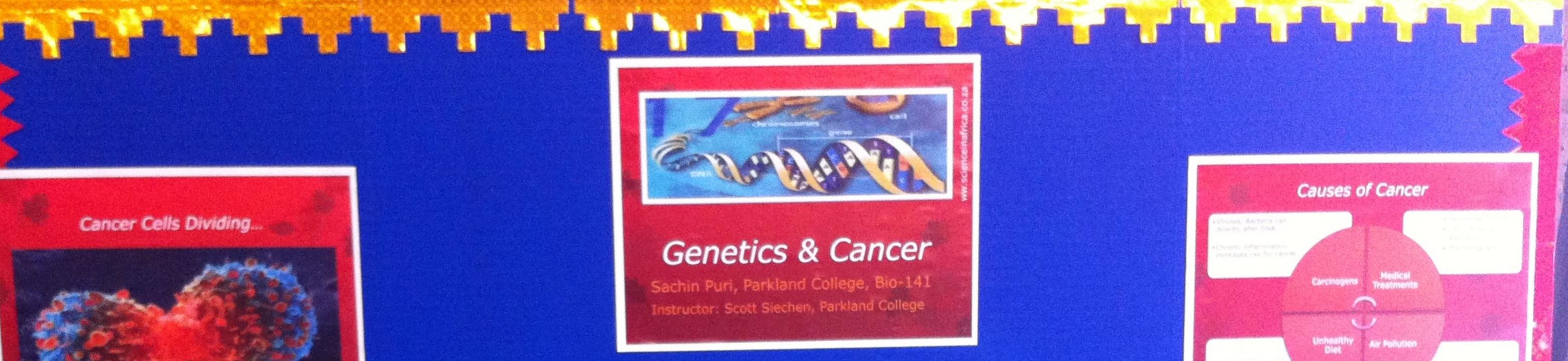
Puri, Sachin, "Genetics and Cancer" (2012). A with Honors Projects. 54. http://spark.parkland.edu/ah/54

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Types of Mutations Change in genes at chromosomal or DNA level Effects of mutation may vary based Sematic Cell Mutation (Nitosis) There are more types.

Cancer The Disease caused by uncontrolled division of cells Affects 2 in 3 people during their lifetime (birty 16 % are inherited (germline involvious)

fiest are spentameous **mutations** (semano ceri mutations) Breast Cancor: Most common for women Provide Cancer: Most common for men

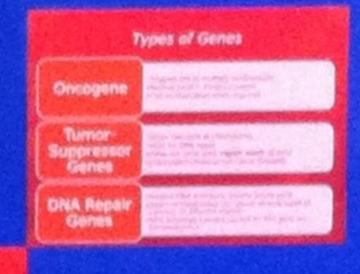
Characteristics of Carcierous Cells SATISFIED CONTRACT TO SERVICIONS THEIR WARM provide section (proparagements)

Physics, and do not adhere: Mediculands

characte types and number of antiques,

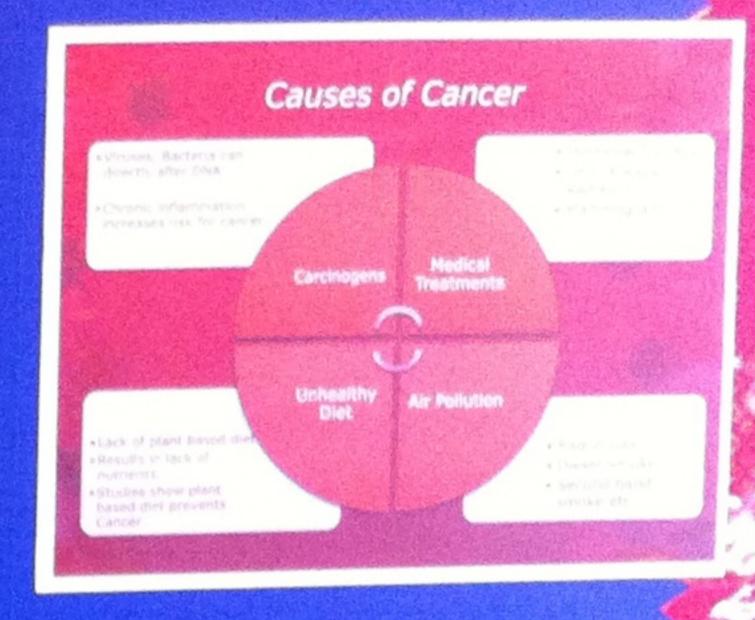
cuedics (consume System)

and Categories (allo are equatorises)



Prevention, Treatment & Cure **Gene** (horapy & stiroutete Induce apoptasts of

WORKS CITED





- 'Fountain of Youth'
- Signals Cell how many times to divide
- No signals to control Telomere in cancerous cells
- Hence unstoppable division



Dietary Sources of Naturally-Occurring Antiangiogenic Substances

Red grapes

Red wine

Bok chey

Soy beans

Kale

Green tea Strawberries Blackberries Blueberries Oranges

Cherries

Source Angelogenesis Polanderich (afen angel ing)

Ginseng Maitake mushroom Licerice Turment Nutmeg Artichokse

Lavender Pumpkin Sea Gucumber Tuna Paraley Gartic Temate Olive oil Grape seed oil Dark chocolete Others