

01010001111001000100010011000110001100111001010001001100110
101001001001001100010100110011001001
01001000100110000
010001000001100
0010100010010001000100010001
011110000001100100
001001100
011000111000110
0110010



DNA Fingerprinting

FINGER PRINT IDENTIFICATION

College of the Canyons BIOTECHNOLOGY PROGRAM

Did you know that DNA exonerates more people than it convicts? By 2016 20% of all the money spent in the U.S. will be spent on science.

In the time it takes you to complete a lab, your DNA could be extracted, amplified, analyzed and compared. Everything from a criminal past to family history and even the top ten most likely ways a disease will kill you (and when) could be assessed. This is a brave new world, and with it comes awesome responsibility. As members of today's scientific society, you should be aware of some of the technologies involving DNA such as College of the Canyons lab on DNA Fingerprinting.

SCANNING FOR ACCESS

>>>>>>>>>>

<<<<<<<<<<<

- DNA is extracted and cut into fragments. The fragments form a pattern on an electrophoresis gel. That pattern provides an identity profile.
- Uses for DNA fingerprinting include: crime work, paternity suites, missing and unidentified bodies, immigration disputes and animal breeding.
- Did you know that rigorous science training would make you more competitive for ANY type of job? Employers know that students who can tackle hard science will do well with almost ANY challenges presented them.



For information on biotechnology and other robust science courses, contact:

Jim Wolf, College of the Canyons Biotechnology Director at (661)362-3092 or email: jim.wolf@canyons.edu

GOT SCIENCE? GET AHEAD!

