

CAREER GOALS

PROCESS ENGINEER	30
RESEARCH & DEVELOPMENT	16
PLANT ENGINEER	11
MEDICAL/DENTAL SCHOOL	11
MBA/BUSINESS SCHOOL	10
ENVIRONMENTAL ENGINEER	7
TECHNICAL (ENGR) GRADUATE SCHOOL	7
MANAGEMENT	7
TECNICAL SALES	5
LAW SCHOOL	2

TOPIC SURVEY

- 25 Beer/Wine-making (fermentations)
- 22 Tissue Engineering (creation of replacement parts by growing cells)
- 20 Stem Cell Research
- 18 Infectious Disease/Biological Weapons (e.g., bovine spongiform encephalitis- mad cow disease; anthrax)
- 18 Drug delivery
- 12 The Biotechnology Industry- companies and products
- 11 Genetically-engineered crops
- 9 Bioremediation (using bacteria to break down chem. waste/oil spills)
- 9 Design of Biomaterial Implants
- 8 Cell Cultures for Production of Pharmaceuticals (e.g., Taxol)
- 7 Human Genome Project (mapping the genetic code)
- 7 Antibiotic production (penicillin, etc.)
- 6 Antibacterial products (soaps & detergents)
- 5 Gene splicing (Recombinant DNA)
- 5 Pulp & Paper Industry
- 4 Membrane separations
- 2 Tissue Culture (Mammalian and Plant)
- 2 Bioluminescence (the metabolism that causes fish to glow)
- 1 Separation Processes (Affinity Chromatography; Ultrafiltration)
- 1 Protein analysis (e.g., electrophoresis)