

APPENDIX E

KINDS OF SITUATIONS IN WHICH PERSONS TRAINED IN BIOLOGY ARE EMPLOYED INCLUDE THE FOLLOWING:

1. Educators -- High school biology teachers; college and university biology teachers.
2. Research and teaching in agronomy and horticulture.
3. Agricultural Experiment Station Specialists. Research in plant and animal breeding, plant growth, plant disease control, animal disease and parasite control, pest control, entomology, consultant work, plant genetics and animal husbandry.
4. Agricultural Extension Specialists. Plant and/or animal disease surveys, research on disease control, alert and aid farmers to avoid and combat disease-causing organisms, insect control and research entomologists.
5. Inspectors of fruits, vegetables and meats for processing establishments and during transportation.
6. Forensics.
7. Quarantine inspectors at federal, state and local levels to prevent interstate or international transport of disease-causing organisms or diseases from one area to another.
8. Forest Research Station Specialists and forest surveys. Forest Entomologists.
9. Government Research Stations, e.g., Argonne National Laboratories.
10. Range investigations in western states.
11. Inspection and testing of pharmaceutical plants and materials.
12. Technical assistants in research and educational institutions.
13. Research specialists in research institutions, e.g., Boyce-Thompson Institute, Batelle Memorial Institute.
14. Curators of botanical gardens and arboretums, both public and private and at universities.
15. Curators in national, state and local museums.
16. Exploration expeditions to little known areas.
17. Explorers for new economic plants and for unknown varieties of plants and animals.
18. Supervisors of nature study programs in summer camps and lodges. National Park Service ranger-naturalists and supervisors. State and local parks.
19. Boy Scout and Girl Scout instructors.
20. Local, state and federal land use and planning surveys.
21. Hospital diagnostic work, medical technicians.
22. Research in industrial antibiotics and other drugs.
23. Seed inspectors and grain control for states and commercial companies.
24. Microtechnicians.
25. Electron microscopists.
26. Fossil plant and animal studies for museums, universities and coal and oil companies.
27. Plant and animal taxonomists.
28. Editorial work for institutions and publishing houses.
29. Algologists--studies of algae and water supplies.
30. Studies of lakes and streams. Limnologists. Water supplies management.
31. Plant and animal photography.
32. Agricultural chemical technical development and testing. Fertilizer sales.
33. Bioinformatics.
34. Oceanography and marine research.
35. Supervisors of planting projects on game refuges, highways, parks, estates, and railroads.
36. Genetic counselors.
37. Research for fruit, rubber, paper, plastic, and wood companies.
38. Research and instruction in armed forces. Biochemical, germ warfare, chemical warfare.
39. Antibiotic and pharmaceutical development, testing, production and control. Sales.
40. Rural and urban pest control. Insects, birds, predators, rodents, etc.
41. X-ray technicians and radiologists.
42. Public health service technicians, officers and researchers.
43. U.S. Fish and Wildlife Service. Game management, rearing, game wardens, development, product use. Fisheries biologists.
44. Air, water, soil pollution control programs; federal, state and local. Ecologists of all sorts. Industrial and medical mycologists and control.

45. Medical and science librarians.
46. Medical and science writers, newspapers, magazines and other media.
47. Biological supply firm employees. Technicians, sales, etc.
48. Sanitarians.
49. Population dynamics and demographers.
50. Marine fisheries. Fish and shell fish, plants, mollusks, lobsters, etc.
51. Medical research institutes, e.g., National Institutes of Health, National Cancer Institute, hospitals, Roscoe B. Jackson Laboratories.
52. Paramedical fields, e.g., physical therapists, hygienists, nurses, technicians of all kinds (blood, tissue, biochemical assayists, dental technicians, medical technologists).
53. Collectors and animal suppliers, e.g., Carworth (rats and mice).
54. Medical supplies and sales.
55. World Health Organization. All kinds of technicians and research.
56. Dentists.
57. Veterinary medicine.
58. Poultry raising, eggs, processors, hatcheries.
59. Occupational therapists.
60. Dieticians and food studies, nutritionists.
61. Space biologists.
62. Ethologists--animal behavior studies.
63. Biochemists, biophysics, bioelectronics, biometrics, computer technologist, programmer in biological research.
64. Epidemiologists; assistants at CDC.
65. Immunobiologists.
66. Conservationists--water, soil and air.
67. Commercial greenhouses. Hydroponics.
68. Textile and fiber industry.
69. Bacteriologists, protozoologists.
70. Health educator.
71. Kinesiologist--physical culturalists, body building, weight reductions, etc.
72. Toxicologists, poisonous animals and plants, industrial, drug and poison studies.
73. Pharmacology.
74. Animal, plant and human geneticists.
75. Physiologists.
76. Biology of radioisotopes research. Radiation biologists.
77. Medical and biological illustrators for research institutions, hospitals, industry, films, TV, journals, magazines and other publications.
78. Taxodermists.
79. Biological forensics--legal.
80. Sales representative for publishing companies.
81. Physicians, physician assistants, physical therapist assistant.

Additional information on employment opportunities for biologists can be obtained from the campus Placement Office. A notebook of current job openings for biologists is available in the departmental main office (217 LS).