

## *Contents*

PART I <i>Psychology Is a Scientific Enterprise</i>	1
1. JAMES BRYANT CONANT. The Scientist in Our Unique Society	2
2. PAUL WEISS. The Message of Science	7
3. A. CORNELIUS BENJAMIN. Science and Its Presuppositions	11
4. ANNE ROE. The Psychology of the Scientist	16
5. EDMUND S. MORGAN. What Every Yale Freshman Should Know	20
6. RUDOLF FLESCH. The More or Less Scientific Method	23
Suggestions for Further Reading	27
PART II <i>Psychology is the Science of the Behavior of Organisms</i>	29
7. ERNEST HAVEMANN. The Age of Psychology in the U.S.	30
8. JOSEPH R. ROYCE. Psychology in Mid-Twentieth Century	33
9. W. EDGAR VINACKE. The Basic Postulates of Psychology	43
10. GREGORY A. KIMBLE. Psychology as a Science	48
11. T. G. ANDREWS. An Introduction to Psychological Methodology	53
12. GEOFFREY LEYTHAM. Unity in Psychology	64
13. WILLARD L. VALENTIN. Summary	69
Suggestions for Further Reading	74
PART III <i>Behavior is Adaptive</i>	75
14. AUSTIN H. RIESEN. Arrested Vision	76
15. WILLIAM H. ITTELSON. The Involuntary Bet	80
16. IAN M. L. HUNTER. The Development of Problem-Solving Ability	84
17. A. T. WELFORD. Research on Skills	90
18. B. F. SKINNER. How to Teach Animals	95
19. DEAN E. WOOLDRIDGE. Man's Mysterious Memory Machine	99
20. J. Z. YOUNG. Memory Systems in the Brain	106
21. GEORGE A. MILLER. Information and Memory	110
22. ROBERT G. WHALEN. "Where Were You the Night of April 23, 1935?"	115
Suggestions for Further Reading	118

<b>PART IV    <i>Behavior is Variable</i></b>	<b>121</b>
23. PETER MCKELLAR. The Variety of Human Experience	122
24. NATIONAL EDUCATION ASSOCIATION. Your Child's Intelligence	127
25. THEODOSIUS DOBZHANSKY. Genetics and Equality	133
26. DIANA TEAD. Race and Intelligence	138
27. LEONARD CARMICHAEL. Are the Sexes Really Equal?	140
28. L. N. YEPSEN. Facts About Mental Deficiency	143
29. SIDNEY L. PRESSEY. Concerning the Nature and Nurture of Genius	146
30. DONALD W. MACKINNON. What Makes a Person Creative?	153
Suggestions for Further Reading	157
<b>PART V    <i>Behavior is Developmental</i></b>	<b>159</b>
31. WILLIAM R. THOMPSON and RONALD MELZACK. Early Environment	161
32. JOHN FULLER. The K-Puppies	165
33. R. A. HINDE. The Early Development of the Parent-Child Relationship	168
34. JEAN PIAGET. How Children Form Mathematical Concepts	174
35. ARNOLD GESELL. Human Infancy and the Ontogenesis of Behavior	178
36. NORMAN L. MUNN. The Evolution of Mind	191
37. CARL J. WARDEN. Animal Intelligence	196
38. J. P. SCOTT. Critical Periods in Behavior Development	200
39. KELLER and MARIAN BRELAND. The Misbehavior of Organisms	213
Suggestions for Further Reading	217
<b>PART VI    <i>Behavior is Dynamic</i></b>	<b>219</b>
40. WOODBURN HERON. The Psychology of Boredom	221
41. CALVIN S. HALL. What People Dream About	224
42. PHILIP E. JACOB. Does Higher Education Influence Student Values?	228
43. J. C. FLUGEL. The Psychology of Toleration	232
44. STAFF OF "TIME" MAGAZINE. Theme and Variations	235
45. B. A. FARRELL. Some Hypotheses of Psycho-Analysis	237
46. STAFF OF "CHANGING TIMES." What's a Nervous Breakdown, Anyhow?	242
47. RAYMOND B. CATTELL. The Nature and Measurement of Anxiety	245
48. H. J. EYSENCK. The Measurement of Motivation	255
Suggestions for Further Reading	264

<b>PART VII    <i>The Behaving Organism is Biological</i></b>	<b>265</b>
49. LUDWIG VON BERTALANFFY. A Biologist Looks at Human Nature	267
50. SIR RUSSELL BRAIN. Speech and Thought	276
51. A. J. AYER. The Physical Basis of Mind: A Philosopher's Symposium	279
52. GEORGE A. W. BOEHM. That Wonderful Machine, the Brain	281
53. HENRI GASTAUT and EDWARD BECK. Brain Rhythms and Learning	289
54. BRIAN O'BRIEN. How Much Can We See?	293
55. F. H. GEORGE. Vision and Behaviour	295
56. D. LIDDLE. Fingertip Sight: Fact or Fiction?	299
57. E. COLIN CHERRY. Why We Have Two Ears	303
Suggestions for Further Reading	306
<b>PART VIII    <i>The Behaving Organism is Social</i></b>	<b>309</b>
58. M. F. ASHLEY MONTAGU. Our Changing Conception of Human Nature	311
59. MICHAEL ARGYLE. The Study of Social Behaviour	320
60. SOLOMON E. ASCH. Opinions and Social Pressure	324
61. MAX HAMMERTON. 'Everybody Knows'	329
62. TOM BURNS. Non-Verbal Communication	332
63. F. FIEDLER. The Nature of Teamwork	336
64. HARRY F. HARLOW and ROBERT R. ZIMMERMAN. Affectional Responses in the Infant Monkey	341
65. CHARLES E. OSGOOD. A Case for Graduated Unilateral Disengagement	351
Suggestions for Further Reading	356
<b>PART IX    <i>Behavior Can Be Controlled</i></b>	<b>357</b>
66. ADOLF GRÜNBAUM. Causality and the Science of Human Behavior	359
67. EDWIN G. BORING. When is Human Behavior Predetermined?	367
68. CARL R. ROGERS. Implications of Recent Advances in Prediction and Control of Behavior	375
69. LEONARD KRASNER. Behavior Control and Social Responsibility	380
70. ERNEST HAVEMANN. The Psychologist's Services in Solving Daily Problems	386
71. WALTER F. GRETHER. Psychology and the Space Frontier	393

## CONTENTS

72. STAFF OF "CHANGING TIMES." Aptitude Tests: Can They Steer You To Success?	400
73. HARRY KURSH. Don't Get Trapped by a Psychoquack	404
74. OREN ROOT. Four Great Lacks in Mental Health	408
75. THOMAS S. SZASZ. The Myth of Mental Illness	411
Suggestions for Further Reading	417