# INTRODUCTION TO BEHAVIOR GENETICS

PRINCIPLES OF BEHAVIORAL GENETICS BEHAVIOR GENETICS OF TEMPERAMENT AND PERSONALITYHOW GENES INFLUENCE BEHAVIOR CONTRIBUTIONS TO BEHAVIOR-GENETIC ANALYSIS CONTRIBUTIONS TO BEHAVIOR-GENETIC ANALYSIS BEHAVIORAL GENETICS FOUNDATIONS OF BEHAVIOR GENETICS AN INTRODUCTION TO BEHAVIOR GENETICS AN INTRODUCTION TO BEHAVIOR GENETICS BEHAVIORAL GENETICS WRESTLING WITH BEHAVIORAL GENETICS BEHAVIORAL GENETICS THEORETICAL ADVANCES IN BEHAVIOR GENETICS BEHAVIORAL GENETICS OF PSYCHOPATHOLOGY BEHAVIORAL GENETICS GENETICS, ENVIRONMENT, AND BEHAVIOR ROBERT R.H. ANHOLT KIMBERLY J. SAUDINO JONATHAN FLINT GARDNER LINDZEY GARDNER LINDZEY VALERIE S. KNOPIK SCOTT F. STOLTENBERG TERENCE J. BAZZETT JOHN L. FULLER RONALD A. CARSON TERENCE BAZZETT JOHN L. FULLER VALERIE S. KNOPIK ERIK PARENS UNIVERSITY OF ALBERTA. CENTER FOR ADVANCED STUDY IN THEORETICAL PSYCHOLOGY ROBERT PLOMIN KERRY L. JANG PATRICIA MCBROOM, U.S. DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE LEE EHRMAN

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PRINCIPLES OF BEHAVIORAL GENETICS PROVIDES AN INTRODUCTION TO THE FASCINATING SCIENCE THAT AIMS TO UNDERSTAND HOW OUR GENES DETERMINE WHAT MAKES US TICK IT PRESENTS A COMPREHENSIVE OVERVIEW OF THE RELATIONSHIP BETWEEN GENES BRAIN AND BEHAVIOR INTRODUCTORY CHAPTERS GIVE CLEAR EXPLANATIONS OF BASIC PROCESSES OF THE NERVOUS SYSTEM AND FUNDAMENTAL PRINCIPLES OF GENETICS OF COMPLEX TRAITS WITHOUT EXCESSIVE STATISTICAL JARGON INDIVIDUAL CHAPTERS DESCRIBE THE GENETICS OF SOCIAL INTERACTIONS OLFACTION AND TASTE MEMORY AND LEARNING CIRCADIAN BEHAVIOR LOCOMOTION SLEEP AND ADDICTION AS WELL AS THE EVOLUTION OF BEHAVIOR WHEREAS THE FOCUS IS ON GENETICS NEUROBIOLOGICAL AND ECOLOGICAL ASPECTS ARE ALSO INCLUDED TO PROVIDE INTELLECTUAL BREADTH THE BOOK USES EXAMPLES THAT SPAN THE GAMUT FROM CLASSICAL MODEL ORGANISMS TO NON MODEL SYSTEMS AND HUMAN BIOLOGY AND INCLUDE BOTH LABORATORY AND FIELD STUDIES SAMPLES OF HISTORICAL INFORMATION ACCENTUATE THE TEXT TO PROVIDE THE READER WITH AN APPRECIATION OF THE HISTORY OF THE FIELD THIS BOOK WILL BE A VALUABLE RESOURCE FOR FUTURE GENERATIONS OF SCIENTISTS WHO FOCUS ON THE FIELD OF BEHAVIORAL GENETICS DEFINES THE EMERGING SCIENCE OF BEHAVIORAL GENETICS ENGAGINGLY WRITTEN BY TWO LEADING EXPERTS IN BEHAVIORAL GENETICS CLEAR EXPLANATIONS OF BASIC QUANTITATIVE GENETIC NEUROGENETIC AND GENOMIC APPLICATIONS TO THE STUDY OF BEHAVIOR NUMEROUS EXAMPLES RANGING FROM MODEL ORGANISMS TO NON MODEL SYSTEMS AND HUMANS CONCISE OVERVIEWS AND

#### SUMMARIES FOR EACH CHAPTER

THIS VOLUME EXAMINES BEHAVIORAL GENETIC RESEARCH ON TEMPERAMENT AND PERSONALITY FROM A NUMBER OF PERSPECTIVES IT TAKES A DEVELOPMENTAL PERSPECTIVE ON A NUMBER OF ISSUES ACROSS THE LIFESPAN FOCUSING ON PERSONALITY AND TEMPERAMENT THE FIRST SECTION FOCUSES ON THE DEVELOPMENT OF TEMPERAMENT AND PERSONALITY TYPICALLY THIS HAS INVOLVED EXPLORING GENETIC AND ENVIRONMENTAL CONTRIBUTIONS TO PHENOTYPIC STABILITY AND INSTABILITY BUT MORE RECENTLY THERE HAS BEEN RESEARCH THAT EXAMINES THE ETIOLOGY OF INTRA INDIVIDUAL CHANGE GROWTH TRAJECTORIES THE SECOND SECTION EXAMINES GENETIC AND ENVIRONMENTAL CONTRIBUTIONS TO THE ASSOCIATION BETWEEN TEMPERAMENT AND PERSONALITY AND OTHER BEHAVIORS THE THIRD AND FOURTH SECTIONS DISCUSS GENOTYPE ENVIRONMENT CORRELATIONS AND INTERACTIONS AND INTRODUCES THE READER TO MOLECULAR GENETICS RESEARCH ON TEMPERAMENT AND PERSONALITY CHAPTER 1 WILL DISCUSS THE SIGNIFICANCE OF THIS TYPE OF RESEARCH AND CHAPTER 12 WILL PROVIDE AN EXAMPLE OF SPECIFIC LINE OF RESEARCH EXPLORING GENES ASSOCIATED WITH TEMPERAMENT

HOW GENES INFLUENCE BEHAVIOR 2E TAKES A PERSONAL AND LIVELY APPROACH TO THE STUDY OF BEHAVIORAL GENETICS PROVIDING AN UP TO DATE AND ACCESSIBLE INTRODUCTION TO A VARIETY OF APPROACHES AND THEIR APPLICATION TO A WIDE RANGE OF DISORDERS AND MODELING A CRITICAL APPROACH TO BOTH METHODS AND RESULTS THIS SECOND EDITION INCLUDES ADDITIONAL BIOLOGY CONTENT TO HELP STUDENTS UNDERSTAND THE BIOLOGICAL FOUNDATIONS OF THE FIELD WHILE MAINTAINING AN APPROPRIATE FOCUS ON THE MAIN ISSUES OF RELEVANCE TO PSYCHOLOGY STUDENTS UPDATES COVERAGE OF GENOMIC TECHNOLOGIES AND THEIR APPLICATIONS AND COVERS A WIDER RANGE OF DISORDERS INCLUDING AUTISM SPECTRUM DISORDER EATING DISORDERS AND INTELLECTUAL DISABILITY A NEW FINAL CHAPTER GUIDES STUDENTS THROUGH A RANGE OF QUANTITATIVE APPROACHES USING WORKED EXAMPLES THAT RELATE DIRECTLY TO CASES AND EXAMPLES USED EARLIER IN THE TEXT AND ADDRESSES CURRENT ISSUES ARISING FROM DEBATES AROUND REPRODUCIBILITY THE ONLINE RESOURCES THAT ACCOMPANY THIS BOOK INCLUDE FOR STUDENTS MULTIPLE CHOICE QUESTIONS FOR STUDENTS TO CHECK THEIR THRESHOLD KNOWLEDGE DATA SETS FOR STUDENTS TO MANIPULATE SO THAT THEY CAN APPLY WHAT THEY HAVE LEARNED FOR LECTURERS FIGURES AND TABLES FROM THE BOOK READY TO DOWNLOAD

FOUNDATIONS OF BEHAVIOR GENETICS PROVIDES A FORWARD LOOKING INTRODUCTION TO THIS FASCINATING FIELD WRITTEN BY AN EXPERIENCED TEACHER AND RESEARCHER THIS TEXT FOCUSES ON CONCEPTS METHODS AND FINDINGS THAT INFORM OUR UNDERSTANDING OF HEREDITY BEHAVIOR RELATIONS THE BOOK S NEUROSCIENCE PERSPECTIVE ASKS STUDENTS TO THINK ABOUT POTENTIAL NEURAL MECHANISMS INVOLVED IN PATHWAYS FROM GENES TO BEHAVIOR WHILE THE TEXT IS PRIMARILY FOCUSED ON HUMAN BEHAVIOR GENETICS IT ALSO EMPHASIZES THE IMPORTANCE OF NON HUMAN ANIMAL MODELS IN EXPERIMENTAL STUDIES AS WELL AS THEIR EVOLUTIONARY CONNECTIONS TO HUMANS PART I COVERS THE HISTORY OF BEHAVIOR GENETICS AND THE BASICS OF NON MOLECULAR GENETICS PART II DISCUSSES MOLECULAR GENETICS AND NEUROGENETICS PART III ADDRESSES VARIOUS BEHAVIORAL DISORDERS AND PART IV EXPLORES HEALTH SOCIAL BEHAVIOR AND ETHICAL IMPLICATIONS THE TEXT INCLUDES DETAILED CHAPTER SUMMARIES SEVERAL CHECK UP QUESTIONS AFTER MAJOR SECTIONS THAT TEST STUDENT UNDERSTANDING AND RECOMMENDED READINGS INSTRUCTORS ARE PROVIDED WITH A TEST BANK OF MULTIPLE CHOICE ITEMS AND HI RES JPEGS OF THE MANY ILLUSTRATIONS CREATED FOR THE BOOK

ORIGINALLY PUBLISHED IN 1986 WE WERE LIVING IN A WORLD IN WHICH THE NUMBER OF PUBLICATIONS IN BEHAVIOUR GENETICS HAD REACHED A POINT WHERE IT WAS DIFFICULT EVEN FOR THOSE TEACHING THE SUBJECT TO KEEP UP WITH THE LITERATURE THE EDITORS OF THIS TITLE BELIEVE THAT THERE IS A NEED FOR PEOPLE WHO HAVE PLANNED AND EXECUTED LONG TERM RESEARCH PROGRAMS TO SUMMARIZE AND COMMENT ON THEIR RESULTS THIS VOLUME WAS INTENDED TO HELP MEET THAT NEED THE AUTHORS WERE GIVEN FREE CHOICE OF SUBJECT AND FORMAT THE RESULT IS A VARIETY OF TOPICS THAT HAD BEEN RESEARCHED MAINLY OVER THE PREVIOUS DECADE CHAPTER 1 IS AN EXCEPTION AND LOOKED BACK AT THE WORK OF OTHERS IN BEHAVIOUR GENETICS OVER A QUARTER CENTURY AND TRIED TO DETECT TRENDS IN THE TYPES OF RESEARCH

#### DONE IN THE FIELD

NINE ESSAYS EXAMINING THE ETHICAL CULTURAL LEGAL AND BIOLOGICAL UNDERPINNINGS OF BEHAVIORAL GENETICS SCIENTISTS CONDUCTING HUMAN GENOME RESEARCH ARE IDENTIFYING GENETIC DISORDERS AND TRAITS AT AN ACCELERATING RATE GENETIC FACTORS IN HUMAN BEHAVIOR APPEAR PARTICULARLY COMPLEX AND SLOW TO EMERGE YET ARE RAISING THEIR OWN SET OF DIFFICULT ETHICAL LEGAL AND SOCIAL ISSUES IN BEHAVIORAL GENETICS THE CLASH OF CULTURE AND BIOLOGY RONALD CARSON AND MARK ROTHSTEIN BRING TOGETHER WELL KNOWN EXPERTS FROM THE FIELDS OF GENETICS ETHICS NEUROSCIENCE PSYCHIATRY SOCIOLOGY AND LAW TO ADDRESS THE CULTURAL LEGAL AND BIOLOGICAL UNDERPINNINGS OF BEHAVIORAL GENETICS THE AUTHORS DISCUSS A BROAD RANGE OF TOPICS INCLUDING THE ETHICAL QUESTIONS ARISING FROM GENE THERAPY AND SCREENING MOLECULAR RESEARCH IN PSYCHIATRY AND THE LEGAL RAMIFICATIONS AND SOCIAL CONSEQUENCES OF BEHAVIORAL GENETIC INFORMATION THROUGHOUT THEY FOCUS ON TWO BASIC CONCERNS THE QUALITY OF THE SCIENCE BEHIND BEHAVIORAL GENETIC CLAIMS AND THE NEED TO FORMULATE AN APPROPRIATE ETHICALLY DEFENSIBLE RESPONSE WHEN THE SCIENCE TURNS OUT TO BE GOOD THIS BOOK IS WELL WRITTEN AND STIMULATING THE ISSUES IT RAISES ARE IMPORTANT FOR SCIENTISTS AND FOR THOSE WORKING IN THE LEGAL AND SOCIAL SERVICES FIELDS BUT THEY CLEARLY ALSO HAVE RELEVANCE FOR EVERYONE THE NEW ENGLAND JOURNAL OF MEDICINE THIS IS THE BEST INTRODUCTION TO BEHAVIORAL GENETICS THAT I HAVE READ THE VARYING VIEWPOINTS ARE PRESENTED WITH SUCH CLARITY THAT THIS BOOK SHOULD APPEAL TO THE GENERAL PUBLIC AND SERVE AS A BASIC TEXT FOR COLLEGE COURSES JAY KATZ ELIZABETH K DOLLARD PROFESSOR EMERITUS OF LAW MEDICINE AND PSYCHIATRY HARVEY L KARP PROFESSIORIAL LECTURER IN LAW AND PSYCHOANALYSIS YALE LAW SCHOOL

THIS TEXT GUIDES READERS THROUGH AN ORDERLY SEQUENCE OF RELATED TOPICS FROM THE FIELD FROM THE MOLECULAR STRUCTURE AND FUNCTION OF DNA TO HOW DNA CONTROLS PROTEIN DEVELOPMENT AND THE NEURAL PROCESSES THAT UNDERLIE BOTH NORMAL AND ABNORMAL BEHAVIOUR THOUGH FOCUSED PRIMARILY ON HUMAN RESEARCH ANIMAL MODELS ARE ALSO INCLUDED

ORIGINALLY PUBLISHED IN 1983 THIS VOLUME IS A COLLECTION OF PAPERS BY RESEARCH WORKERS ACTIVE AT THE TIME IT INCLUDES REVIEWS OF SPECIAL AREAS WITHIN THE FIELD AND DISCUSSIONS OF INTERACTIONS WITH OTHER BEHAVIORAL SCIENCES SUCH AS PSYCHOLOGY ETHOLOGY AND SOCIOBIOLOGY APPLICATIONS TO MEDICINE PSYCHIATRY AND EDUCATION ARE ALSO CONSIDERED CONTRIBUTORS WERE ENCOURAGED TO INTEGRATE HISTORY PRESENT KNOWLEDGE AND PROJECTIONS FOR THE FUTURE ALTHOUGH THE BOOK IS NOT DIVIDED INTO SECTIONS THERE IS SOME GROUPING OF RELATED CHAPTERS

WRESTLING WITH BEHAVIORAL GENETICS BRINGS TOGETHER AN INTERDISCIPLINARY GROUP OF CONTRIBUTORS GENETICISTS HUMANISTS SOCIAL SCIENTISTS LAWYERS AND JOURNALISTS TO DISCUSS THE ETHICAL AND SOCIAL IMPLICATIONS OF BEHAVIORAL GENETICS RESEARCH THE ESSAYS GIVE READERS THE NECESSARY TOOLS TO CRITICALLY ANALYZE THE FINDINGS OF BEHAVIORAL GENETICISTS EXPLORE COMPETING INTERPRETATIONS OF THE ETHICAL AND SOCIAL IMPLICATIONS OF THOSE FINDINGS AND ENGAGE IN A PRODUCTIVE PUBLIC CONVERSATION ABOUT THEM WHAT SETS THIS COLLECTION APART FROM OTHERS IS THE WAY THAT CONTRIBUTIONS FROM A DIVERSE AUTHORSHIP ARE INTEGRATED TO FORM A COHERENT WHOLE DOUBTLESS THIS BOOK WILL SOON BECOME A CLASSIC WITHIN BEHAVIORAL GENETICS AND COMPULSORY READING FOR THE NON SPECIALIST SEEKING TO UNDERSTAND THE BASIC SCIENTIFIC SOCIAL AND ETHICAL ISSUES WITHIN THE FIELD AMERICAN JOURNAL OF BIOETHICS INFORMATIVE PROVOCATIVE AND CHALLENGING THIS BOOK IS A MUST READ FOR ANYONE SEEKING TO UNDERSTAND THIS EMERGING FIELD SOCIAL THEORY AND PRACTICE PROMOTING PUBLIC CONVERSATION ABOUT BEHAVIORAL GENETICS WILL BE INCREASINGLY PERTINENT TO CREATING ENLIGHTENED FAIR AND REPRESENTATIVE PUBLIC POLICY THE WRESTLING WILL GO ON FOR SOME TIME TO COME NEW ENGLAND JOURNAL OF MEDICINE THIS VOLUME PRESENTS A FAIR AND HONEST TREATMENT OF THE FIELD THAT IS BOTH CAUTIOUS AT TIMES AND ALSO OPTIMISTIC AND HOPEFUL METAPSYCHOLOGY ERIK PARENS IS A SENIOR RESEARCH SCHOLAR AT THE HASTINGS CENTER AND A VISITING PROFESSOR IN THE SCIENCE TECHNOLOGY

AND SOCIETY PROGRAM AT SARAH LAWRENCE COLLEGE AUDREY R CHAPMAN IS A PROFESSOR OF COMMUNITY MEDICINE AND HEALEY CHAIR IN MEDICAL HUMANITIES AND BIOETHICS AT THE UNIVERSITY OF CONNECTICUT SCHOOL OF MEDICINE NANCY PRESS IS A PROFESSOR AT THE SCHOOL OF NURSING AND THE DEPARTMENT OF PUBLIC HEALTH AT THE SCHOOL OF MEDICINE OREGON HEALTH AND SCIENCE UNIVERSITY

PROCEEDINGS OF THE NATO ADVANCED STUDY INSTITUTE ON THEORETICAL ADVANCES IN BEHAVIOR GENETICS BANFF CENTRE BANFF ALBERTA CANADA SEPTEMBER 29 OCTOBER 8 1978

BEHAVIORAL GENETICS FOURTH EDITION PROVIDES AN ENGAGING AND CLEAR OVERVIEW OF HUMAN AND ANIMAL BEHAVIORAL GENETICS THAT IS DESIGNED TO INTRODUCE STUDENTS IN THE BEHAVIORAL BIOLOGICAL AND SOCIAL SCIENCES TO THE FIELD WITH THE ADDITION OF NEW CHAPTERS THOROUGH UPDATING AND A NEW CO AUTHOR THIS LATEST EDITION REPRESENTS THE DEFINITIVE INTRODUCTION TO BEHAVIORAL GENETICS THE CROSSROADS WHERE THE FIELDS OF PSYCHOLOGY PSYCHIATRY AND GENETICS INTERSECT

NEW DISCOVERIES ABOUT THE GENETIC UNDERPINNINGS OF MANY KINDS OF HUMAN EXPERIENCE ARE NOW CONTINUALLY BEING MADE THIS BOOK EXPLORES THE IMPACT OF THESE DISCOVERIES ON THE WAYS IN WHICH THE COMMON MENTAL DISORDERS ARE BEST CONCEPTUALIZED AND TREATED MOST PEOPLE THINK OF RESEARCH IN GENETICS AS THE SEARCH FOR GENES THIS IS ONLY ONE FOCUS OF EFFORT AND EVEN WITH THE RELIABLE IDENTIFICATION OF SUSCEPTIBILITY GENES THE CLINICAL APPLICATIONS OF THEIR DISCOVERY SUCH AS GENE THERAPIES AND NEW DRUG DEVELOPMENT ARE A LONG WAY OFF FOR THE PRESENT THE IMPACT OF GENETIC RESEARCH ON OUR UNDERSTANDING OF MENTAL ILLNESS IS TIED TO OUR ABILITY TO ESTIMATE THE EFFECT OF ALL GENES BY MEANS OF FAMILY TWIN AND ADOPTION STUDIES THE RESULTS OF THESE STUDIES CHALLENGE SOME DEEPLY CHERISHED IDEAS AND THEORIES AND SUPPORT OTHERS OF COURSE THE EFFECT OF GENES IS ONLY HALF THE EQUATION THE ROLE OF EXPERIENCE ENVIRONMENT AND LIVING CONDITIONS ACCOUNTS FOR AS MUCH OFTEN CONSIDERABLY MORE OF THE VARIABILITY IN PSYCHOPATHOLOGY IN THIS BOOK KERRY IANG ATTEMPTS NOT TO ANSWER QUESTIONS ABOUT WHAT IS GENETIC AND WHAT IS NOT BUT ABOUT WHAT A KNOWLEDGE OF THE RELATIVE INFLUENCE OF GENES VERSUS ENVIRONMENT MEANS AT A PSYCHOLOGICAL LEVEL OF ANALYSIS TO SHOW HOW IT CHANGES COMMON ASSUMPTIONS ABOUT CLASSIFICATION ETIOLOGY DIAGNOSIS AND INTERVENTION HE FIRST OFFERS AN OVERVIEW OF CONTEMPORARY BEHAVIORAL GENETICS DISPELS COMMON MISCONCEPTIONS RESPONDS TO THE CRITICISMS THAT HAVE BEEN LEVELED AT THIS NEW FIELD AND DESCRIBES IN BASIC TERMS HOW GENETIC AND ENVIRONMENTAL EFFECTS ARE ESTIMATED AND HOW SUSCEPTIBILITY GENES ARE PINPOINTED HE THEN POINTS TO NEW DIRECTIONS IN WHICH STANDARD NOSOLOGICAL SYSTEMS ARE LIKELY TO EVOLVE AS NEW INFORMATION ABOUT VULNERABILITIES AND COVARIANCES EMERGES FINALLY HE SYNTHESIZES AND EVALUATES THE CONSISTENCY OF THE LAST DECADE S FINDINGS FOR THE MOST COMMON CATEGORIES OF PSYCHOPATHOLOGY THAT HAVE BEEN STUDIED BY BEHAVIOR GENETICISTS MOOD PERSONALITY AND ANXIETY DISORDERS SUBSTANCE ABUSE AND SCHIZOPHRENIA AND THE PSYCHOTIC DISORDERS CLINICIANS AND RESEARCHERS ALIKE NEED TO UNDERSTAND THE GENETIC INFLUENCES ON THE FEELINGS AND BEHAVIORS THEY ARE SEEKING TO CHANGE OR STUDY IF THEY ARE TO BE EFFECTIVE IN THEIR WORK THE BEHAVIORAL GENETICS OF PSYCHOPATHOLOGY A CLINICAL GUIDE EMPOWERS THEM WITH THIS UNDERSTANDING

GENETICS ENVIRONMENT AND BEHAVIOR IMPLICATIONS FOR EDUCATIONAL POLICY IS A COLLECTION OF PAPERS FROM THE GENETIC ENDOWMENT AND ENVIRONMENT IN THE DETERMINATION OF BEHAVIOR WORKSHOP IN NEW YORK IN OCTOBER 1971 THE BOOK DISCUSSES THE RELATIONSHIPS BETWEEN GENETIC CHARACTERISTICS AND BEHAVIOR AS BEING SIGNIFICANT IN UNDERSTANDING HUMAN BEHAVIOR AND LEARNING THE TEXT ALSO CONSIDERS THE DIFFERENT APPROACHES MADE BY GENETICISTS AND PSYCHOLOGISTS ON THIS SUBJECT SEVERAL PAPERS REVIEW IN TERMS OF BOTH QUANTITATIVE AND QUALITATIVE ANALYSIS THE ROLE THAT GENETICS AND THE ENVIRONMENT PLAY IN DETERMINING BEHAVIOR ONE PAPER EXPLAINS THE POSSIBLE ROLE OF GENETIC DETERMINATION IN BEHAVIORS AS FOUND IN MICE AND MEN THAT SHOW HIGH PROBABILITIES OF HERITABILITIES

ANOTHER PAPER TACKLES BIOCHEMICAL GENETICS AND EXPLAINS THE EVOLUTION OF HUMAN BEHAVIOR BY ADDRESSING THE ENZYME VARIATIONS IN HUMAN BRAINS AND THE ROLE OF LANGUAGE AND CULTURE THE BOOK ALSO CITES GENE ENVIRONMENT INTERACTIONS AND THE VARIABILITY THAT CAN BE FOUND IN BEHAVIOR WITH REFERENCES TO THE WORKS OF GINSBURG 1967 AND VALE AND VALE 1969 ONE PAPER COMMENTS ON THE FUTURE OF HUMAN BEHAVIOR GENETICS HIGHLIGHTING THE DISTINCTION BETWEEN WHAT SHOULD HAPPEN AND WHAT MOST PROBABLY WILL HAPPEN THIS TEXT IS SUITABLE FOR SOCIOLOGISTS BEHAVIORAL SCIENTISTS GENETICISTS EDUCATORS AND STUDENTS IN PSYCHOLOGY PSYCHIATRY AND RELATED BRANCHES OF MEDICINE

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AS EDUCATIONAL RESOURCES BECOME MORE DIGITIZED, FREE EBOOK SITES WILL PLAY AN INCREASINGLY VITAL ROLE IN LEARNING.

#### CONCLUSION

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# **FAQs**

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