

UCLA PHYSIOLOGICAL SCIENCE

UCLA PHYSIOLOGICAL SCIENCE REPRESENTS AN INTERDISCIPLINARY FIELD OF STUDY THAT EXPLORES THE BIOLOGICAL FUNCTIONS OF LIVING ORGANISMS, FOCUSING ON THE PHYSICAL AND BIOCHEMICAL PROCESSES THAT UNDERLIE LIFE. UCLA'S PROGRAM IN PHYSIOLOGICAL SCIENCE IS RENOWNED FOR ITS COMPREHENSIVE CURRICULUM, CUTTING-EDGE RESEARCH OPPORTUNITIES, AND EXPERT FACULTY WHO CONTRIBUTE EXTENSIVELY TO ADVANCEMENTS IN HUMAN HEALTH AND MEDICINE. THIS ARTICLE PROVIDES AN IN-DEPTH OVERVIEW OF THE UCLA PHYSIOLOGICAL SCIENCE PROGRAM, HIGHLIGHTING ITS ACADEMIC STRUCTURE, RESEARCH INITIATIVES, CAREER PROSPECTS, AND THE UNIQUE RESOURCES AVAILABLE TO STUDENTS. ADDITIONALLY, IT COVERS THE INTEGRATION OF PHYSIOLOGICAL SCIENCE WITH OTHER BIOMEDICAL DISCIPLINES, EMPHASIZING THE IMPORTANCE OF THIS FIELD IN UNDERSTANDING COMPLEX BIOLOGICAL SYSTEMS. READERS WILL GAIN VALUABLE INSIGHTS INTO HOW UCLA FOSTERS INNOVATION AND EXCELLENCE IN PHYSIOLOGICAL SCIENCE EDUCATION AND RESEARCH. THE FOLLOWING SECTIONS WILL GUIDE YOU THROUGH THE PROGRAM'S KEY ASPECTS, FROM ACADEMIC OFFERINGS TO RESEARCH CENTERS AND CAREER PATHWAYS.

- OVERVIEW OF UCLA PHYSIOLOGICAL SCIENCE
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- FACULTY EXPERTISE AND CONTRIBUTIONS
- CAREER PROSPECTS FOR GRADUATES
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OVERVIEW OF UCLA PHYSIOLOGICAL SCIENCE

THE UCLA PHYSIOLOGICAL SCIENCE PROGRAM IS DEDICATED TO THE STUDY OF THE MECHANISMS THAT GOVERN THE FUNCTIONS OF CELLS, TISSUES, ORGANS, AND ORGAN SYSTEMS IN LIVING ORGANISMS. THIS PROGRAM EMPHASIZES AN INTEGRATIVE APPROACH, COMBINING MOLECULAR BIOLOGY, BIOCHEMISTRY, BIOPHYSICS, AND ANATOMY TO PROVIDE A HOLISTIC UNDERSTANDING OF PHYSIOLOGY. UCLA IS RECOGNIZED FOR FOSTERING AN ENVIRONMENT WHERE STUDENTS AND RESEARCHERS CAN EXPLORE THE DYNAMIC PROCESSES THAT MAINTAIN HOMEOSTASIS AND CONTRIBUTE TO HEALTH AND DISEASE. THE PROGRAM'S STRATEGIC LOCATION WITHIN A WORLD-CLASS RESEARCH UNIVERSITY ENHANCES ACCESS TO DIVERSE SCIENTIFIC RESOURCES AND CLINICAL COLLABORATIONS. STUDENTS BENEFIT FROM A CURRICULUM DESIGNED TO BUILD FOUNDATIONAL KNOWLEDGE AND DEVELOP PRACTICAL SKILLS ESSENTIAL FOR CAREERS IN BIOMEDICAL RESEARCH, HEALTHCARE, AND ACADEMIA.

HISTORICAL CONTEXT AND EVOLUTION

THE PHYSIOLOGICAL SCIENCE DISCIPLINE AT UCLA HAS EVOLVED SIGNIFICANTLY SINCE ITS INCEPTION. INITIALLY FOCUSED ON TRADITIONAL PHYSIOLOGY, THE PROGRAM HAS EXPANDED TO INCORPORATE MODERN TECHNIQUES SUCH AS GENOMICS, PROTEOMICS, AND COMPUTATIONAL MODELING. THIS EVOLUTION REFLECTS THE BROADER TRENDS IN BIOMEDICAL SCIENCES, WHERE INTEGRATIVE AND SYSTEMS-LEVEL APPROACHES ARE INCREASINGLY IMPORTANT. UCLA'S COMMITMENT TO INNOVATION HAS ALLOWED ITS PHYSIOLOGICAL SCIENCE PROGRAM TO REMAIN AT THE FOREFRONT OF SCIENTIFIC DISCOVERY AND EDUCATION.

PROGRAM MISSION AND GOALS

THE MISSION OF UCLA PHYSIOLOGICAL SCIENCE IS TO EDUCATE AND TRAIN STUDENTS TO BECOME LEADERS IN BIOMEDICAL RESEARCH AND HEALTHCARE BY PROVIDING RIGOROUS SCIENTIFIC KNOWLEDGE AND RESEARCH EXPERIENCE. THE PROGRAM AIMS TO CULTIVATE CRITICAL THINKING, EXPERIMENTAL DESIGN SKILLS, AND A DEEP UNDERSTANDING OF PHYSIOLOGICAL PRINCIPLES THAT CAN BE APPLIED TO REAL-WORLD HEALTH CHALLENGES. THROUGH ITS CURRICULUM AND RESEARCH OPPORTUNITIES, UCLA SEEKS

TO PREPARE GRADUATES TO MAKE SIGNIFICANT CONTRIBUTIONS TO SCIENCE AND MEDICINE.

ACADEMIC PROGRAMS AND CURRICULUM

UCLA OFFERS A VARIETY OF ACADEMIC PROGRAMS IN PHYSIOLOGICAL SCIENCE, INCLUDING UNDERGRADUATE MAJORS, GRADUATE DEGREES, AND POSTDOCTORAL TRAINING. THE CURRICULUM IS CAREFULLY STRUCTURED TO BALANCE THEORETICAL KNOWLEDGE WITH HANDS-ON LABORATORY EXPERIENCE. STUDENTS ARE EXPOSED TO A BROAD RANGE OF TOPICS, FROM CELLULAR PHYSIOLOGY TO SYSTEMS NEUROSCIENCE, ENSURING A COMPREHENSIVE UNDERSTANDING OF THE FIELD.

UNDERGRADUATE PROGRAM

THE UNDERGRADUATE PROGRAM IN PHYSIOLOGICAL SCIENCE AT UCLA IS DESIGNED TO PROVIDE STUDENTS WITH A STRONG FOUNDATION IN BIOLOGICAL SCIENCES WHILE EMPHASIZING THE PHYSIOLOGICAL ASPECTS OF HUMAN AND ANIMAL BIOLOGY. CORE COURSES COVER SUBJECTS SUCH AS HUMAN ANATOMY, CELL BIOLOGY, BIOCHEMISTRY, AND NEUROPHYSIOLOGY. ELECTIVE COURSES ENABLE STUDENTS TO EXPLORE SPECIALIZED AREAS LIKE CARDIOVASCULAR PHYSIOLOGY, ENDOCRINOLOGY, AND IMMUNOLOGY.

GRADUATE PROGRAM

GRADUATE STUDENTS CAN PURSUE MASTER'S AND PH.D. DEGREES IN PHYSIOLOGICAL SCIENCE, FOCUSING ON ADVANCED RESEARCH AND SPECIALIZED TRAINING. THE GRADUATE CURRICULUM INCLUDES COURSEWORK IN EXPERIMENTAL DESIGN, ADVANCED PHYSIOLOGY, AND STATISTICAL METHODS, AS WELL AS PARTICIPATION IN SEMINARS AND JOURNAL CLUBS. GRADUATE STUDENTS CONDUCT ORIGINAL RESEARCH UNDER THE MENTORSHIP OF FACULTY MEMBERS, CONTRIBUTING TO SCIENTIFIC KNOWLEDGE IN AREAS SUCH AS MUSCLE PHYSIOLOGY, NEUROBIOLOGY, AND METABOLIC REGULATION.

KEY CURRICULUM COMPONENTS

- FUNDAMENTAL PHYSIOLOGY AND ANATOMY
- CELLULAR AND MOLECULAR BIOLOGY
- BIOSTATISTICS AND EXPERIMENTAL DESIGN
- LABORATORY TECHNIQUES AND INSTRUMENTATION
- RESEARCH ETHICS AND SCIENTIFIC COMMUNICATION

RESEARCH OPPORTUNITIES AND FACILITIES

RESEARCH IS A CORE PILLAR OF UCLA PHYSIOLOGICAL SCIENCE, WITH EXTENSIVE OPPORTUNITIES FOR STUDENTS AND FACULTY TO ENGAGE IN CUTTING-EDGE INVESTIGATIONS. THE PROGRAM SUPPORTS A WIDE ARRAY OF RESEARCH PROJECTS THAT ADDRESS FUNDAMENTAL QUESTIONS ABOUT PHYSIOLOGICAL PROCESSES AND THEIR IMPLICATIONS FOR DISEASE AND THERAPY. UCLA'S STATE-OF-THE-ART FACILITIES ENABLE THE USE OF ADVANCED TECHNOLOGIES TO EXPLORE PHYSIOLOGICAL FUNCTIONS AT MOLECULAR, CELLULAR, AND SYSTEMIC LEVELS.

RESEARCH CENTERS AND INSTITUTES

UCLA HOUSES SEVERAL RESEARCH CENTERS THAT ENHANCE THE SCOPE AND IMPACT OF PHYSIOLOGICAL SCIENCE STUDIES. THESE INCLUDE CENTERS SPECIALIZING IN CARDIOVASCULAR RESEARCH, NEUROBIOLOGY, METABOLIC DISEASES, AND REGENERATIVE MEDICINE. COLLABORATION ACROSS THESE CENTERS FOSTERS INTERDISCIPLINARY PROJECTS THAT INTEGRATE PHYSIOLOGY WITH GENETICS, PHARMACOLOGY, AND BIOMEDICAL ENGINEERING.

STUDENT RESEARCH INVOLVEMENT

STUDENTS IN THE UCLA PHYSIOLOGICAL SCIENCE PROGRAM HAVE ACCESS TO NUMEROUS RESEARCH ASSISTANTSHIPS, INTERNSHIPS, AND INDEPENDENT STUDY PROJECTS. PARTICIPATION IN RESEARCH IS HIGHLY ENCOURAGED FROM THE UNDERGRADUATE LEVEL THROUGH GRADUATE STUDIES, PROVIDING PRACTICAL EXPERIENCE IN EXPERIMENTAL METHODS AND DATA ANALYSIS. MANY STUDENTS PRESENT THEIR FINDINGS AT CONFERENCES AND PUBLISH IN PEER-REVIEWED JOURNALS, BUILDING A STRONG FOUNDATION FOR SCIENTIFIC CAREERS.

TECHNOLOGICAL RESOURCES

- CONFOCAL AND ELECTRON MICROSCOPY
- ELECTROPHYSIOLOGY AND IMAGING SYSTEMS
- GENOMICS AND PROTEOMICS LABORATORIES
- COMPUTATIONAL MODELING AND BIOINFORMATICS
- ANIMAL RESEARCH FACILITIES

FACULTY EXPERTISE AND CONTRIBUTIONS

THE UCLA PHYSIOLOGICAL SCIENCE FACULTY INCLUDES DISTINGUISHED SCIENTISTS WITH EXPERTISE ACROSS DIVERSE SUBFIELDS OF PHYSIOLOGY. THEIR RESEARCH CONTRIBUTIONS SPAN FROM BASIC SCIENCE DISCOVERIES TO TRANSLATIONAL STUDIES THAT INFORM CLINICAL PRACTICE. FACULTY MEMBERS ARE COMMITTED TO MENTORING STUDENTS AND FOSTERING A COLLABORATIVE RESEARCH ENVIRONMENT.

AREAS OF FACULTY SPECIALIZATION

FACULTY RESEARCH INTERESTS ENCOMPASS CARDIOVASCULAR PHYSIOLOGY, NEUROPHYSIOLOGY, MUSCLE BIOLOGY, ENDOCRINE REGULATION, AND CELLULAR SIGNALING PATHWAYS. THIS BREADTH OF EXPERTISE ALLOWS STUDENTS TO ENGAGE WITH A WIDE RANGE OF PHYSIOLOGICAL TOPICS AND FIND MENTORS ALIGNED WITH THEIR RESEARCH GOALS.

NOTABLE FACULTY ACHIEVEMENTS

MANY UCLA PHYSIOLOGICAL SCIENCE FACULTY HAVE RECEIVED PRESTIGIOUS AWARDS AND GRANTS RECOGNIZING THEIR SCIENTIFIC ACHIEVEMENTS. THEIR WORK HAS LED TO SIGNIFICANT ADVANCES IN UNDERSTANDING DISEASE MECHANISMS, DEVELOPING NOVEL THERAPEUTIC APPROACHES, AND ENHANCING KNOWLEDGE OF HUMAN PHYSIOLOGY. FACULTY ALSO CONTRIBUTE ACTIVELY TO SCIENTIFIC SOCIETIES AND EDITORIAL BOARDS.

CAREER PROSPECTS FOR GRADUATES

GRADUATES OF UCLA PHYSIOLOGICAL SCIENCE ARE WELL-PREPARED FOR DIVERSE CAREER PATHS IN ACADEMIA, INDUSTRY, HEALTHCARE, AND GOVERNMENT AGENCIES. THE RIGOROUS TRAINING AND RESEARCH EXPERIENCE PROVIDED BY THE PROGRAM EQUIP STUDENTS WITH CRITICAL SKILLS SOUGHT AFTER IN BIOMEDICAL RESEARCH, PHARMACEUTICAL DEVELOPMENT, AND CLINICAL PROFESSIONS.

POTENTIAL CAREER PATHS

- BIOMEDICAL RESEARCHER IN ACADEMIA OR INDUSTRY
- HEALTHCARE PROFESSIONAL, INCLUDING MEDICINE AND ALLIED HEALTH FIELDS
- BIOTECHNOLOGY AND PHARMACEUTICAL DEVELOPMENT SPECIALIST
- SCIENCE POLICY AND REGULATORY AFFAIRS EXPERT
- EDUCATOR IN HIGHER EDUCATION AND OUTREACH PROGRAMS

GRADUATE SCHOOL AND PROFESSIONAL TRAINING

MANY UCLA PHYSIOLOGICAL SCIENCE GRADUATES PURSUE FURTHER EDUCATION IN MEDICAL, DENTAL, OR VETERINARY SCHOOLS, AS WELL AS SPECIALIZED GRADUATE PROGRAMS IN BIOMEDICAL SCIENCES. THE PROGRAM'S STRONG EMPHASIS ON RESEARCH AND CRITICAL THINKING SERVES AS AN EXCELLENT FOUNDATION FOR ADVANCED STUDIES AND PROFESSIONAL DEVELOPMENT.

INTERDISCIPLINARY COLLABORATION AND IMPACT

UCLA PHYSIOLOGICAL SCIENCE ACTIVELY PROMOTES INTERDISCIPLINARY COLLABORATION, RECOGNIZING THAT COMPLEX BIOLOGICAL PROBLEMS REQUIRE INTEGRATIVE APPROACHES. THE PROGRAM WORKS CLOSELY WITH DEPARTMENTS SUCH AS BIOENGINEERING, NEUROSCIENCE, PHARMACOLOGY, AND PUBLIC HEALTH TO ENHANCE RESEARCH AND EDUCATIONAL OUTCOMES.

COLLABORATIVE RESEARCH INITIATIVES

JOINT PROJECTS OFTEN COMBINE PHYSIOLOGICAL SCIENCE WITH COMPUTATIONAL MODELING, MOLECULAR GENETICS, AND CLINICAL RESEARCH TO ADDRESS MULTIFACETED QUESTIONS. THESE INITIATIVES CONTRIBUTE TO ADVANCES IN PERSONALIZED MEDICINE, DISEASE PREVENTION, AND THERAPEUTIC INNOVATION.

COMMUNITY ENGAGEMENT AND OUTREACH

UCLA PHYSIOLOGICAL SCIENCE ALSO ENGAGES IN OUTREACH ACTIVITIES TO PROMOTE SCIENCE EDUCATION AND HEALTH AWARENESS IN THE BROADER COMMUNITY. THIS COMMITMENT UNDERSCORES THE PROGRAM'S ROLE NOT ONLY IN ADVANCING SCIENTIFIC KNOWLEDGE BUT ALSO IN IMPROVING PUBLIC HEALTH OUTCOMES.

FREQUENTLY ASKED QUESTIONS

WHAT UNDERGRADUATE DEGREES ARE OFFERED BY UCLA IN PHYSIOLOGICAL SCIENCE?

UCLA OFFERS A BACHELOR OF SCIENCE DEGREE IN PHYSIOLOGICAL SCIENCE THROUGH ITS DEPARTMENT OF INTEGRATIVE BIOLOGY AND PHYSIOLOGY, FOCUSING ON THE FUNCTIONS OF THE HUMAN BODY AND PREPARING STUDENTS FOR CAREERS IN HEALTH AND RESEARCH.

WHAT RESEARCH OPPORTUNITIES ARE AVAILABLE FOR PHYSIOLOGICAL SCIENCE STUDENTS AT UCLA?

UCLA PROVIDES NUMEROUS RESEARCH OPPORTUNITIES FOR PHYSIOLOGICAL SCIENCE STUDENTS, INCLUDING WORKING IN FACULTY LABORATORIES ON TOPICS LIKE NEUROBIOLOGY, CARDIOVASCULAR PHYSIOLOGY, AND MUSCLE BIOLOGY, AS WELL AS PARTICIPATING IN SUMMER RESEARCH PROGRAMS AND INTERNSHIPS.

HOW DOES UCLA'S PHYSIOLOGICAL SCIENCE PROGRAM PREPARE STUDENTS FOR MEDICAL SCHOOL?

THE PROGRAM OFFERS A STRONG FOUNDATION IN HUMAN BIOLOGY, ANATOMY, AND PHYSIOLOGY, WITH ACCESS TO ADVISING, MCAT PREPARATION RESOURCES, AND CLINICAL EXPOSURE OPPORTUNITIES, MAKING IT A POPULAR MAJOR FOR PRE-MED STUDENTS.

ARE THERE GRADUATE PROGRAMS IN PHYSIOLOGICAL SCIENCE AT UCLA?

YES, UCLA OFFERS GRADUATE PROGRAMS SUCH AS A PH.D. IN INTEGRATIVE BIOLOGY AND PHYSIOLOGY, WHERE STUDENTS CAN ENGAGE IN ADVANCED RESEARCH AND TRAINING IN VARIOUS ASPECTS OF PHYSIOLOGICAL SCIENCE.

WHAT CAREER PATHS DO UCLA PHYSIOLOGICAL SCIENCE GRADUATES TYPICALLY PURSUE?

GRADUATES OFTEN PURSUE CAREERS IN HEALTHCARE, BIOMEDICAL RESEARCH, PHYSICAL THERAPY, BIOTECHNOLOGY, EDUCATION, AND ADVANCED STUDIES SUCH AS MEDICAL, DENTAL, OR GRADUATE SCHOOL IN RELATED SCIENTIFIC FIELDS.

ADDITIONAL RESOURCES

1. *FOUNDATIONS OF PHYSIOLOGICAL SCIENCE: PRINCIPLES AND APPLICATIONS*

THIS COMPREHENSIVE TEXTBOOK COVERS THE CORE PRINCIPLES OF PHYSIOLOGICAL SCIENCE, FOCUSING ON CELLULAR AND SYSTEMIC FUNCTIONS. IT INTEGRATES MOLECULAR BIOLOGY WITH WHOLE-ORGANISM PHYSIOLOGY, PROVIDING A SOLID FOUNDATION FOR STUDENTS AT UCLA. THE BOOK INCLUDES CASE STUDIES AND EXAMPLES RELEVANT TO CURRENT RESEARCH TRENDS IN PHYSIOLOGICAL SCIENCE.

2. *NEUROPHYSIOLOGY: EXPLORING THE BRAIN'S MECHANISMS*

DESIGNED FOR STUDENTS AND RESEARCHERS, THIS BOOK DELVES INTO THE PHYSIOLOGICAL PROCESSES UNDERLYING NEURAL FUNCTION. IT HIGHLIGHTS THE LATEST DISCOVERIES IN NEUROBIOLOGY AND NEUROPHYSIOLOGY, EMPHASIZING EXPERIMENTAL TECHNIQUES USED AT UCLA. THE TEXT PROVIDES DETAILED EXPLANATIONS OF NEURONAL SIGNALING, SYNAPTIC FUNCTION, AND BRAIN CIRCUITRY.

3. *CARDIOVASCULAR PHYSIOLOGY AND PATHOPHYSIOLOGY*

FOCUSING ON THE CARDIOVASCULAR SYSTEM, THIS BOOK EXPLORES THE MECHANISMS THAT REGULATE HEART FUNCTION AND BLOOD FLOW. IT DISCUSSES COMMON CARDIOVASCULAR DISEASES AND THEIR PHYSIOLOGICAL BASES, SUPPORTED BY RESEARCH CONDUCTED AT UCLA'S MEDICAL CENTERS. THE BOOK IS IDEAL FOR STUDENTS INTERESTED IN BOTH BASIC AND CLINICAL ASPECTS OF CARDIOVASCULAR HEALTH.

4. *CELLULAR AND MOLECULAR PHYSIOLOGY: FROM GENES TO FUNCTION*

THIS TITLE BRIDGES THE GAP BETWEEN MOLECULAR BIOLOGY AND PHYSIOLOGICAL OUTCOMES AT THE CELLULAR LEVEL. IT PRESENTS CURRENT UCLA RESEARCH ON GENE EXPRESSION, PROTEIN FUNCTION, AND CELLULAR COMMUNICATION IN PHYSIOLOGICAL CONTEXTS. THE BOOK IS A VALUABLE RESOURCE FOR UNDERSTANDING HOW MOLECULAR CHANGES IMPACT OVERALL ORGANISM HEALTH.

5. *EXERCISE PHYSIOLOGY: ADAPTATIONS AND PERFORMANCE*

COVERING THE PHYSIOLOGICAL ADAPTATIONS TO EXERCISE, THIS BOOK PROVIDES INSIGHTS INTO MUSCLE FUNCTION, METABOLISM, AND ENDURANCE. IT INCORPORATES FINDINGS FROM UCLA'S EXERCISE SCIENCE LABORATORIES AND PRESENTS APPLIED KNOWLEDGE FOR IMPROVING ATHLETIC PERFORMANCE. THE BOOK ALSO DISCUSSES REHABILITATION AND EXERCISE-RELATED HEALTH BENEFITS.

6. *ENDOCRINOLOGY AND METABOLIC PHYSIOLOGY*

THIS BOOK EXPLORES THE PHYSIOLOGICAL ROLES OF HORMONES AND METABOLIC PROCESSES IN MAINTAINING HOMEOSTASIS. IT INTEGRATES UCLA-BASED RESEARCH ON ENDOCRINE DISORDERS AND METABOLIC DISEASES, OFFERING A CLINICAL PERSPECTIVE. READERS WILL FIND DETAILED DISCUSSIONS ON HORMONE SIGNALING PATHWAYS AND THEIR PHYSIOLOGICAL EFFECTS.

7. *RESPIRATORY PHYSIOLOGY: MECHANISMS AND CLINICAL IMPLICATIONS*

FOCUSING ON THE RESPIRATORY SYSTEM, THIS TEXT EXPLAINS THE MECHANICS OF BREATHING, GAS EXCHANGE, AND REGULATION OF RESPIRATION. IT HIGHLIGHTS UCLA RESEARCH ON PULMONARY DISEASES AND RESPIRATORY THERAPIES. THE BOOK IS DESIGNED FOR STUDENTS AND CLINICIANS INTERESTED IN RESPIRATORY HEALTH AND DISEASE MANAGEMENT.

8. *RENAL PHYSIOLOGY AND FLUID BALANCE*

THIS BOOK PROVIDES AN IN-DEPTH LOOK AT KIDNEY FUNCTION AND THE REGULATION OF BODY FLUIDS AND ELECTROLYTES. IT DISCUSSES PHYSIOLOGICAL MECHANISMS CONTROLLING URINE FORMATION AND BLOOD PRESSURE, WITH REFERENCES TO UCLA'S NEPHROLOGY RESEARCH. THE TEXT IS ESSENTIAL FOR UNDERSTANDING RENAL PHYSIOLOGY AND RELATED CLINICAL CONDITIONS.

9. *SENSORY PHYSIOLOGY: FROM PERCEPTION TO NEURAL PROCESSING*

EXPLORING THE PHYSIOLOGY OF SENSORY SYSTEMS, THIS BOOK COVERS VISION, HEARING, TASTE, AND TOUCH. IT INCORPORATES UCLA STUDIES ON SENSORY RECEPTORS AND NEURAL PATHWAYS, EMPHASIZING HOW STIMULI ARE TRANSLATED INTO PERCEPTION. THE BOOK IS IDEAL FOR THOSE INTERESTED IN SENSORY NEUROSCIENCE AND PHYSIOLOGICAL RESPONSES TO THE ENVIRONMENT.

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