

Available Free Resources

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Anatomy

(<http://www.biosciednet.org/portal/search/browse.php?step=2&nav=college&by=subject&filter=college&value=Anatomy&freeResourcesOnly>)

| Column1 | Column2 | Column3 | Column4 | Column5 | Column6 |
|--|--|---|--|---|--|
| (Calf) Knee Joint Demonstration | A&P Circa 2010 | A&P Starters | Adding a Little Forensic Osteology to the Skeletal System Laboratory | Advances in Alzheimer's Disease | Advances in the Treatment of COPD and Asthma |
| Aging With Grace | AIDS: Clinical and Epidemiological Considerations | Alcohol and Temperature Regulation | Aldo-Aldosterone | Alternative, Engaging, Economical, and Low-tech Evaluations Tools for A & P | Alzheimer's Disease |
| AMATAP: A Mnemonic Approach to Anatomy/ Physiology | American Association of Anatomists education web site | An Adjunct: To Be or Not To Be? | An Adjustable Cadaver Display Stand | An Analogy for Spatial Summation | An Artificial Retina |
| Analogies | Analyzing the Way that Periodicals Report on Human Anatomy and Physiology Topics | Anatomy & Physiology I Syllabus - Hybrid Course | Anatomy & Physiology Workshop | Anatomy - Child Play? | Anatomy and Physiology Everyday |

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| Anatomy, Physiology and Biochemistry of the Basal Ganglia: New Surgical Procedures in the Treatment of Parkinson's Disease | Announcements on the Formation of HAPS | Another Look at the Signal Transduction and its Applications -The Genetic Basis of Human Color Vision and Olfaction | Anthrax Endospores Interact With Host Macrophages in the Lungs to Escape Body's Defense System | Anxiety & Blood Clotting | Applying the Learning Cycle Approach to Digestive Systems and the Principles of Structure-Function and Unity with Diversity |
| Articulations (specifically the Elbow Joint) | Awarding Student Creativity in Anatomy and Physiology Courses | The anatomy of physiology's body of knowledge | The Art of Writing a Grant Proposal | A Brief History of HAPS - Chronicle of Events | A Brief History of the Introduction of the Dorsal / Ventral Body Cavity Misconception and its Spread to Modern Anatomy and Physiology Textbook |
| Beauty In Muscle Fibers | Big Heads | BIO 212 Online Syllabus | Biochemical Analysis of Vertebrate Skeletal Systems | Bioethics: A Historical Perspective on the Abortion Issue | Bioethics: Diversifying the Human Genome Project |
| Biology 202 Online Syllabus | Biology! Genetics! Nursing? | Blood Flow | Blood Substitutes for the Physiology Laboratory | Body Muscles and Gas Engines | Brain Death as a Criterion for Death and the Implications of Such a Criterion |

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| Brain Tutorial | Breast Cancer: Detection, Genetic Testing and Therapy | Bridges to Structure | Building Models of Tissues and Organs as a Way of Learning | The Big Picture of Cellular Respiration | A Case for Discipline Based Anatomy and Physiology Programs |
| A Case Study: What's Wrong with Viele? A case study on diabetes insipidus | Cardiovascular Aging | Case Histories as a Teaching Strategy in Anatomy and Physiology | Case Studies Using Spirometry to Assess Respiratory Diseases | Case Study Exam-Digestive and Renal Systems | Case Study: Urinary System |
| Cat Dissection vs. Sculpting Human Structures in Clay: An Analysis of Two Approaches to Undergraduate Human Anatomy Laboratory Education | Catching up on Cancer | Cells as Factories | Cellular Mechanisms Underlying Peripheral Auditory Function | Challenging an Old Dogma: Neurogenesis in the Adult Hippocampus | Challenging Conventional Wisdom - Is the Foot a Second-Class Lever? |
| Charles Leblond and Autoradiography Humanizing Science | College-level Chemistry as a Predictor of Success in Human Anatomy | Comparing Medical Imaging Techniques | Compelling Classroom Demonstrations That Link Visual System Anatomy, Physiology, and Behavior | Concept Mapping as a Tool to Improve Exam Performance on Examination in a Large Anatomy and Physiology Course | Convergent Pathways for Steroid and Hormone- and Neurotransmitter-Induced Sexual Behavior in the Rat |

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| Course Syllabus for Anatomy & Physiology: A Hybrid Course | Creative Development of A&P Laboratories When Resources Are Limited | Cutting Your (Calcium) Losses | The Cow Eye - A Lesson in Reality | The Creation of an Immuno-Protective Environment Utilizing the Testis-Derived Sertoli Cell | Demonstrating Concentration Potentials |
| Demonstration of Cardiac Output and the Baroreceptor Reflex | Development of Biology Using Danuio rerio | Diabetes mellitus and renal handling of glucose | Did You Know? The Standard Anatomical Position is Incorrect! | Directed case study method for teaching human anatomy and physiology | Dissection Strategies Emphasizing the Unique Advantages of Organisms over Models and Audiovisual Alternatives |
| DNA Fingerprinting and Implications of Molecular Genetics | Don't Sweat It! Baby | Dried Lung Preparation | Drugs: The Altered Brain | Dynamic Physiology Overheads for Teaching the Pressure Volume Loop | The Discovery of Insulin |
| The Dittrick Museum of Medical History - Cleveland, Ohio | An Electron Optical View of Cadaver Structure | Electron Transport System Demo | Ellen's Choice: Can Alternative Complementary Medicine Make a Difference? | Enlarging the Dimensions of Anatomy Teaching the Cultural History of the Science | Enzyme Kinetics Lab |
| Establishing a Cadaver Laboratory | Estimation of Glomerular Filtration Rate (GFR) Using Creatinine Clearance | Estrogen: Update and Overview | Everything I Needed to Know About the Cell I Learned in Kindergarten | Exercise and the Immune System | Exercise Physiology in the A&P Lab Easy, Effective and Educational |

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| Exercise Physiology in the Anatomy and Physiology Laboratory | Exercise, Nutrition, and Body Composition in the Elderly | Exploring Anatomy Through Art | The Effect of Medical Vocabulary Courses on Student Success Rates in Basic Anatomy/ Physiology | A Figure It Out Approach for Learning Muscle Origins, Insertions, and Actions in Human Anatomy | Factors Potentiating the Risk of Sudden Infant Death Syndrome |
| Fairness in Laboratory Testing | Fall Into the Gap (Junction) | Fostering a Sense of Self-efficacy in Students: Teaching the Art of Learning | Free Plans for Constructing a Patella Model | From Pharmacology to Physiology: Receptor Bound | Gender Determination of the Skull |
| General Models in Histology | Genomics and the Human Proteome Project | Gregorc learning styles and achievement in anatomy and physiology | Gross Anatomy Lab Dream Team | HANDS (Twas the Night Before Christmas) | Hazardous Biological Materials and OSHA |
| Heart-Lung Transplants | Helping Students Understand the Relationship Between Organic Chemistry and Food Intake | Heterodimers and Receptor Mosaics of Different Types of G-Protein-Coupled Receptors | How Important is Genetics in Your Food Preference and Dietary Habits | How to Beat the Grant Writing Blues | Human Anatomy & Physiology Society Position Statement on Animal Use |
| Human Cadaver Laboratory Proposal | Human Cell and Organism Aging: Are There Limits? | The Health Professions Advisor | An Introduction to Stereological Analysis: Morphometric Techniques for Beginning Biologists | Implementing Interactive Learning Activities in Anatomy Lectures | In the Literature: How or Why? |

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| Incorporating Cadavers Into The VCCS Classroom | Initiating Cooperative Learning in the Anatomy and Physiology Classroom: Activities for the First Week of Class | Innovations in Electrocardiography: Nonpharmacologic Therapies for Tachyarrhythmias | Input/ Output | Integrating Aspects of Two Systems of the Shoulder Joint in an Introductory Anatomy and Physiology Course | Integrating Problem Based Learning into Anatomy and Physiology Classes |
| Interactions Between Immune and Neuroendocrine Systems | Interactive Computer Programs In Lieu of Cadavers in the Anatomy Laboratory | Introducing a Long-term Experiment Into a Traditional Lab Course | Introducing the Bones: Learning Centers in the College Science Lab | Introduction to the Cell | Is an Axon a Dendrite? |
| Is it Chronic Fatigue Syndrome or Fibromyalgia Syndrome? | It Appears That Neither Sucrose Nor Aspartame Affects the Behavior of Children . . . Contrary to Parents' Expectations! | The Intended Learning Outcomes Projects | Joint Physiology and Biomechanics | Kidney Konquest | Kimball's Online Text: Extraembryonic Membranes |
| Kimball's Online Text: Sexual Reproduction in Humans | Knowing Our Molecular Selves, a Necessity for Good Teaching of Human Physiology | A Ligand By Any Other Name | A Lot of Guts | Lab Ideas and Lecture Demo Idea | Laboratory Hazards |
| Laboratory Safety Guidelines | le Tour de Ur'ine | Learning Outcomes Statements | Learning to Learn Human Anatomy and Physiology | Lecture Ideas- Dynamic Equilibrium | Locating Cadaver Usage for Classroom Visitation |

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| Long Term Projects for Morphology Courses | The Locust Jump: An Integrated Laboratory Investigation | Machine Dialysis Demonstration | Making Anatomy and Physiology More Humane - Part 2 | Making Connections - Variations on Concept Maps | Making High-Quality Microscope Slides |
| Making Human Biology More Humane, A Sample of Suggested Readings | Mammalian Cell Culture (Tissue Culture) | Mapping Memory in the Temporal Lobe | Medical Physics Demonstrations to Enliven the Classroom | Meningioma: The Most Common Type of Intercranial Tumor | Model Repair: Sources of Materials |
| Modeling the Peripheral Nervous System: An Activity That Illustrates Three Dimensional Complexity and Promotes Higher-Order Thinking Skills Using Case Studies | Modified Case Study- Term Project on Aging | Molecular Biology of the NMDA Receptor | More Efficient and Effective Histology Instruction | Mostly Analogous - Snippets | Multi-Dimensional Human Embryo: stage 13 |
| Multi-Dimensional Human Embryo: stage 14 | Multi-Dimensional Human Embryo: stage 15 | Multi-Dimensional Human Embryo: stage 16 | Multi-Dimensional Human Embryo: stage 17 | Multi-Dimensional Human Embryo: stage 18 | Multi-Dimensional Human Embryo: stage 19 |
| Multi-Dimensional Human Embryo: stage 20 | Multi-Dimensional Human Embryo: stage 22 | Multi-Dimensional Human Embryo: stage 23 | Muscle Tissue Overview | Myers-Briggs psychological type and achievement in anatomy | The Mammalian Urine Concentrating Mechanism: Hypotheses |

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| The Medical Artist: Communicator Visually | The Micro and Macro of Issues | The Mideo System | A New Anatomy and Physiology Curriculum Emphasizing Problem Solving and Critical Thinking | and physiology A New Twist on Grading Lab Reports | and Uncertainties Name That Molecule! |
| Negative and Positive Selection | Nerve Impulse as a Bullet | Nerve Transmission: The Domino Effect | Neurofibrominosis | Neurofibrominosis: Damage in Sea Slug | New Approaches to Teaching Human Anatomy and Physiology |
| New Hope From Lost Fetuses | New Light of Retin-A as a Topical Treatment for Photodamaged Skin | New Piece in Alzheimer's Puzzle | No Quick Fixes | Nontraditional Inheritance: New Rules to Explain Human Heredity | Not Letting Students or Teaching Fall through the Cracks |
| Note Taking Made Easy | Novel Activities for Morphology Laboratories: Activities for Use Within a Single Class | NSF Grant Writing Guide | The Nerve of It All | The Newspaper File as a Teaching Tool in Anatomy and Physiology Classes | An Overview: How Do We Become Males or Females? |
| One Good Hit: A Case Study of Shoulder Dislocation | Origami Embryo | Origami Embryo Demo Movie | Osmosis/Dialysis Demonstration | Osteopetrosis | Overcoming Health Hazards in the Cadaver Lab |
| The Oxygen-Hemoglobin Dissociation Curve and | A Physical Model to Demonstrate the Change from | A Problem-Solving Approach to Teaching Anatomy | A Proposal for an Outcome-Driven Approach | Pausing During a Lecture Has Potential Benefits | Peer feedback for students working |

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| Venous Reserve | Intermittent to Continuous Blood | and Physiology | to Anatomy and Physiology Education | | in small groups |
| Peptic Ulcer Disease: Is It an Infectious Disease? Preventing AIDS in the Lab | Perspectives Molecular Advances in Cardiovascular Biology Prions - Do They Really Cause Disease? | Physiologic Insulin Replacement. An Elusive Goal Problem Solving, Persistence, and Patience: The Three P's of Science Research | Planning Your Course Promoting Anatomy and Physiology Learning With Technology | Post-it® Notes for Graphing Prosection or Dissection? A Comparative Study of Student Opinions on the Use of Cadavers in Community Colleges | Preparation of Pliable Lung Tissue Psychoneuro-Immunology |
| Pulmonary Ventilation Teaching Aid | The Physiology of Human Situations | The Pineal Gland: Our Window to the Biosphere | A Revealing X-Rated Lab | Reasoning and Critical Thinking in the Biological Sciences | Recent Advances in Human Molecular Genetics |
| Reconstructive Behavior From the Skeleton | Renal Anatomy and Physiology Worksheet | Renal Jeopardy | Renal Regulation of Urine Output | Renal Structure & Function Activities | Renal Tubule Function |
| Renal Tubule Physiology Exercise | Resources for A&P Labs: Check Your Own Back Yard | Respect! Listen! Respond! A Method for Handling Conflict in the Classroom | Respiratory Pharmacology | Ricin - A Forced Review | Rodeo with Renal Issues |
| The Renal Pelvis | The Rhythm of Life | The Role of Age and Gender in Cardiovascular Response | A Simple Demonstration of How the Heart Valves Work | Science Innovation: Biomedicine in the Age of Imaging | Seasonal Affective Disorder (SAD) |

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| Semipermeable or Selectively Permeable: What is the Difference? | Sexual Harassment Policy. Special Challenges for the Human Anatomy and Physiology Teaching Laboratories | to Oxygen Stress Sickle Cell Anemia: The Search for a Cure Continues | Stem Cells and Cloning: What Does it Mean to Be Human? | Stretch Your Budget: Restoring Anatomical Models | Structure and Function of Membranes |
| Summer Fun: Atom to A.D.A.M.® | Syllabus for a Human Hybrid Course | Syllabus for Basic Human Anatomy & Physiology | Systematic Essay Writing in Human Physiology | The Select Reference Point Model: An Interface Between Physiology and Problem-Based Learning Teaching Anatomy and Physiology in California | The Sliding Filament Mechanism: Physiology Simulation for the Large Classroom Setting Teaching Anatomy and Physiology in the Pacific Northwest |
| The Spread of AIDS in Laboratory Teaching Situation | The Synapse: A Brief History | A Technique for Correlating ECG Components With Cardiac Mechanics from the Unexposed Frog Heart | A Time to Be Born | Teaching Science as a Process in the Anatomy and Physiology | They're Not Dumb, They're Different |
| Teaching and Learning Complex Physiological Processes in Introductory Science: Biology 100 - The | Teaching Homeostasis Using Micro Learning Packets | Teaching Methodologies in the Pathophysiology and Pharmacology of Hypertension | Teaching Problem Solving in Human Anatomy and Physiology | Teaching Science as a Process in the Anatomy and Physiology | They're Not Dumb, They're Different |

Human
Body
"Muscle
Dance"

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| Threshold Stimulus and Summation Using the Human Tongue | Threshold Stimulus and Summation Using the Human Tongue | Thrombolysis in AMI: Streptokinase or t-PA? | To Eat Or Not To Eat | To Sleep, Perchance | An Update on the Human Genome Project |
| An UpDate: Latex Allergy | The Unfolding Saga of Membrane Transporters | The Use of Computers in Physiology Labs | The Use of Mammal Blood In Human Anatomy and Physiology Labs | Ulcers Are Yielding to Better Understanding | Understanding Acid/Base Balance in Four Easy Steps |
| Uniqueness of the Neonate: Problems, Management and Treatment | UNSW Embryology: glossary of embryology terms | UNSW Embryology: movies from human ultrasound | UNSW Embryology: movies from week 2 of human development | UNSW Embryology: movies from week 4 of human development | UNSW Embryology: movies of abnormal human ultrasound |
| UNSW Embryology: movies of embryonic heart | UNSW Embryology: movies of endoderm and GI development | UNSW Embryology: movies of urogenital development | UNSW Embryology: movies on head and neck development | Update on AIDS (part I of a two part series) | Update on AIDS (PART II of a two part series) |
| Update on Minor Head Injury | Updates in Burns | Updates in Ophthalmology | Use of Active Learning in the Physiology Lecture | Use of Animals In Research and Teaching | Using a Papergram to Illustrate Development of the Central Nervous System |
| Using a Ping Pong Ball to Construct an External Eye Model | Using 'the Wave' as an Effective Analogy for Illustrating | Using Cadavers to Teach Human Anatomy | Using Clinical Situations to Stimulate Critical | Using Clinical Situations to Stimulate Critical | Using Concept Maps to Teach Histology |

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| | the Generation and Proagation of Action Potentials Along a Neuron | in a Small College | Thinking in College Anatomy and Physiology Classes | Thinking in College Anatomy and Physiology Classes | |
| Using Histopathology To Teach Histology Undergraduate | Using Technology for Testing in Anatomy and Physiology | Using truncated lectures, conceptual exercises, and manipulatives to improve learning in the neuroanatomy classroom | Using Unknowns in a Urinalysis Lab | The Value of Animals in Research and Teaching | Visible Embryo: 10 Weeks Post Ovulation |
| Visible Embryo: 12 weeks post ovulation | Visible Embryo: 14 weeks | Visible Embryo: 16 weeks | Visible Embryo: 18 weeks | Visible Embryo: 20 weeks | Visible Embryo: 22 weeks |
| Visible Embryo: 24 weeks | Visible Embryo: 26 weeks | Visible Embryo: 26-30 days post ovulation | Visible Embryo: 28 weeks | Visible Embryo: 30 weeks | Visible Embryo: 31- 35 days post-ovulation |
| Visible Embryo: 32 weeks | Visible Embryo: 34 weeks | Visible Embryo: 35 - 38 days post-ovulation | Visible Embryo: 36 weeks | Visible Embryo: 37 - 42 days post-ovulation | Visible Embryo: 38 weeks |
| Visible Embryo: 42 - 44 days post-ovulation | Visible Embryo: 44 - 48 days post-ovulation | Visible Embryo: 48 - 51 days post-ovulation | Visible Embryo: 51 - 53 days post-ovulation | Visible Embryo: 53 - 54 days post-ovulation | Visible Embryo: 54 - 56 days post-ovulation |
| Visible Embryo: 56 - 60 days post-ovulation | Visible Embryo: Appearance of Somites | Visible Embryo: birth | Visible Embryo: Cleavage, 1st cell division | Visible Embryo: Early Blastocyst | Visible Embryo: Human Fertilization |

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| Visible Embryo: human, 26- 30 days post- ovulation We May Be Programmed to Die | Visible Embryo: Implantation begins Web Anatomy: A Truly Free Anatomy and Physiology Review Program on the World Wide Web | Visible Embryo: Neural Folds, Heart Fold Fusion WebQuest: The Biological Basis of Aging | Visible Embryo: Neurulation What Every Undergraduate Should Know About Anatomy: A Joint AAA/HAPS Symposium | Visible Embryo: Primitive Streak What Makes a Being Human? | Visible Embryo: two pharyngeal arches (stage 11) What Secrets Lie Within the Vaults of the Cell? |
| What's New in Cell to Cell 'Heart Talk'? | When to Teach the Urinary System | Winking Skull Study Aid | Worksheet for Dialysis for Kidney Failure | Worksheet for Kidney Transplant | Zapping the Ischemic Heart |

Behavioural Science

(<http://www.biosciednet.org/portal/search/browse.php?step=2&nav=college&by=subject&filter=college&value=Behavioral+Science&freeResourcesOnly=yes>)

| Column1 | Column2 | Column3 | Column4 | Column5 | Column6 |
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| Column Chromatogra Analysis of Brain Tissue: An Advanced Laboratory Exercise for Neuroscienc Majors | Compelling Classroom Demonstrati That Link Visual System Anatomy, Physiology, and Behavior | Exercise Minimizes Weight Regain By Reducing Appetite, Burning Fat, And Lowering 'Defended' Body Weight | How Alcohol Blunts The Ability Of Hamsters To 'Rise And Shine' | Male Resources and Female Adaptive Mating Decisions | Measuring Salivary Cortisol in the Behavioral Neuroscience Laboratory |
| Obesity: Is It In Your Head? | Problem Solving, Persistence, and Patience: | Ultrasonic Courtship Vocalizations of Adult Male | Vasopressin and Pair- Bond Formation: Genes to | | |

The Three Mice: A Brain to P's of Laboratory Behavior Science Exercise Illustrating Comparable Activation by either Estradiol or Testosterone Research

Biochemistry

(<http://www.biosciednet.org/portal/search/browse.php?step=2&nav=college&by=subject&filter=college&value=Biochemistry&freeResources>)

| Column1 | Column2 | Column3 | Column4 | Column5 | Column6 |
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| Alcoholic Cirrhosis | A Better Yield | Biochemistry Online: An Approach Based on Chemical Logic | Chemcollective | Cholesterol: From Biochemical Riddle to Blockbuster Drug for Heart Disease | Common student misconceptions in exercise physiology and biochemistry |
| Conservation and Taxonomic Distribution of Arsenate Detoxification Proteins, ArsA, ArsB, and ArsC | Deficiency of Carbohydrate Activated Transcription Factor ChREBP Prevents Obesity and Improves Plasma Glucose Control in Leptin-deficient (ob/ob) Mice | Disabling a Carb Trigger Reduces Obesity and Appetite | DOLOP: A Database of Bacterial Lipoproteins | Drugland... | Evolutionary Bioinformatics: Globins as a Portal to Exploring Genome Evolution |
| GenMAPP and MAPPFinder for Systems | Hamsters, Like Humans, Gain Weight | How Now Mad Cow? | An Introduction to Stereological Analysis: | Kimball's Online Biology Textbook | Loss of Adhesion Phenotype Correlated with Loss of |

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| Biology Education | Under Stress | | Morphometric Techniques for Beginning Biologists | | Conservation of Extracellular Region and C-terminus in Cadherin |
| Moving Forward: Mechanisms of Chemoattractant Gradient Sensing | Murder by Atkins? | The Membrane and Lipids as Integral Participants in Signal Transduction: Lipid Signal Transduction for the Non-lipid Biochemist | Narrative Review: Fabry Disease | Narrative Review: Protein Degradation and Human Diseases: The Ubiquitin Connection | The Nuclear Envelope and Human Disease |
| Prion Problem Space | Problem Solving, Persistence, and Patience: The Three P's of Science Research | Protein Analysis | Protein-Mediated Fatty Acid Uptake: Novel Insights from In Vivo Models | The pH of the Secretory Pathway: Measurement and Regulation | A simplified representation of biochemical principles based on the dynamics of chemical flow systems |
| Show Me the Way to Go Home: Evolution of chemotaxis proteins MCP and CheA in the transition from a free-living to pathogenic life style in Bordetella | Single-Molecule Fluorescence Spectroscopy of Protein Function and Dynamics | Social Defeat Increases Food Intake, Body Mass, and Adiposity in Syrian Hamsters | A Two-Holed Story: Structural Secrets About CIC Proteins Become Unraveled? | Two Reliable and Inexpensive Lysozyme Assays for Teaching Enzymology and Microbiology | The use of multiple tools for teaching medical biochemistry |
| White Board Manipulative | Why Calcium- | | | | |

for Teaching Stimulated
Antibody Adenylyl
Structure Cyclases?
and
Function

Biocomplexity

(<http://www.biosciednet.org/portal/search/browse.php?step=2&nav=college&by=subject&filter=college&value=Biocomplexity&freeResources>)

| Column1 | Column2 | Column3 | Column4 | Column5 | Column6 |
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| Glial Intercellular Waves | Kimball's Online Text: Calculating Gene Frequencies | Kimball's Online Text: Ontology Recapitulate Phylogeny? | Kimball's Online Text: The Human Genome Project | Protein- Protein Interactions in the Tetraspanin Web | |

Bioengineering

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| Cardiovascular Interactions CVI Project | Cardiovascular Interactions Information and Basic Relations | Cardiovascular Interactions Instructions for Downloading and Use | Cardiovascular Interactions Lab Book and Demonstration | Cardiovascular Interactions Model and Demonstration | Demand for interdisciplinary laboratories for physiology research by undergraduate students in biosciences and biomedical engineering |
| Effect of mean circulatory filling pressure and other peripheral circulatory | GABA's Control of Stem and Cancer Cell Proliferation in Adult Neural and | Joint Physiology and Biomechanics | Laboratory experience for teaching sensory physiology | A New Paradigm for Graduate Research and Training in the Biomedical | A Novel Approach to Physiology Education for Biomedical Engineering Students |

factors on Peripheral Sciences
 cardiac Niches and
 output Engineering
 "Obesity The
 Sleuths" pioneering
 Find Chronic use of
 Diseases systems
 are Linked analysis
 to A to study
 Breakdown cardiac
 Response output
 to What Our regulation
 Human DNA
 Is Expecting

Bioethics

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| Column1 | Column2 | Column3 | Column4 | Column5 | Column6 |
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| Animal Research and Disease | Blood Money | Brain Death as a Criterion for Death and the Implications of Such a Criterion | A Case of Mistaken Identity | The Enzyme Enterprise | Human Genome Project Information Website |
| Human Reproductive Cloning Debate | In vitro fertilization (IVF) Mock Court Case | Kimball's Online Text: Screening for Genetic Disease | Multi-Dimensional Human Embryo: pseudo timelapse | Stem Cells and Cloning: What Does it Mean to Be Human? | Web Conference on Human Embryonic Stem Cells |

Biophysics

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| Column1 | Column2 | Column3 | Column4 | Column5 | Column6 |
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| Branching Blood Vessels | Counting Channels: A Tutorial | LabAXON - Computer Simulation | Living History of Physiology: | Mass and Heat Flow | Modeling blood flow in |

Guide on
Ion Channel
Fluctuation
Analysis

of Nerve
Action
Potential
(zip file)

G. Edgar
Folk, Jr

vessels with
changeable
caliber for
physiology
and
biophysics
courses

Synaptic
Depression
as a Timing
Device

Biotechnology

<http://www.biosciednet.org/portal/search/browse.php?step=2&nav=college&by=subject&filter=college&value=Biotechnology&freeResource>

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| Anthrax: The Sleeper Cell | Class Project: Predicting Traits | Ecosystem in the Abyss: Black Smokers | | | |

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