

## 106 TA Videos: George Pisani

Amylase Action and Hypothesis Testing

Cell Respiration

Introduction to the Micro projector

Monera

Rotifers

4000 Meters Under the Sea

Acid Rain New Bad News

America's Biggest Oil Spill

Anatomy Lecture by Nancy Berman

☼ The Anatomy of the Crayfish

☼ The Anatomy of the Earthworm

☼ The Anatomy of the Freshwater Mussel

☼ The Anatomy of the Frog

☼ The Anatomy of the Grasshopper

☼ The Anatomy of the Perch

☼ The Anatomy of the Starfish

Ancient Forests: Vanishing Legacy of the Pacific Northwest

☼ Angiosperms

Animal Imposters

Anschutz Science Library Info Tape

Arctic Refuge: A Wilderness in Peril

☼ Are You Swimming in a Sewer?

Army Ants / Slave Raider Ants

Asexual Reproduction in Pleodorina

☼ The Big Spill

☼ The Biology of Series

1. Cnidarians

2. Nematodes, Rotifers, Bryozoans and Some Minor Phyla

3. Flatworms

4. Echinoderms

5. Molluscs

6. Annelids
7. Arthropods
8. Chordates
9. Sponges

☼ Biology Review (3D Animation)

☼ Biology: Form and Function

1. Building in Cells
2. Organelles and Origins
3. Insect Hormones: The Control of Molting
4. Mammals in Water
5. Breaths of Life: Respiratory Challenges of Animals
6. New Formulae for Food: Artificial Diets for Animals
7. Control in Reproduction
8. The Mammalian Kidney
9. Designs for Living: Plant Structures
10. Harvesting the Sun: Sunlight and Plants
11. A Problem with Ions
12. Plants: Problems with Water

The Birth of the Bees

Brave New Babies

☼ Can Aids Be Stopped?

☼ The Case of the Frozen Addict

☼ Castles in Clay

CELLebration

☼ Cell Motility & the Cytoskeleton

Common Threads Stories From the Quilt

Costa Rica: Jansen

Creation & Evolution In the Beginning: The Creationist Controversy with

Randall Balmer

Death Trap (Carnivorous Plants)

☼ Decoding the Book of Life

Discovering Women

☼ Teachers Guide Available

1. DNA Detective – Molecular Biologist Lydia Villa-Komaroff
2. Silicon Vision – Computational Neuroscientist Misha Mahowald

#### DNA Sequencing Program

☼ The Dog whelk: A Study in Adaption

☼ A Dozen Eggs

The Drifters

☼ Elements of Biology: Mold

Endocytosis; Microscopy; Organelles

Endoscopic Visualization of the Functional Morphology of the Ctenidia of the Unionid Mussel *Pyganodon cataracta*

Enemies of the Oaks

☼ Evolution and Human Equality

☼ Evolution Series

1. The Record of the Rocks
2. Fossils: Plants and Tetrapods
3. Fossils: Reptiles and Mammals
4. Structural Homologies and Co-Evolution
5. Behavior and the Protein Record
6. Natural Selection
7. Selection and Adaptation
8. The Human Influence
9. Heredity and Mutation
10. DNA and the Evidence for Evolution

Explorations: The Indian Ocean Experiment

Flagellar Movements in *Chlamydomonas*

Gamete Transfer in Bryophytes Splash Platform, *Marchantia*

Gelatinous Marine Zooplankton

“Genes and the Environment”

☼ The Genetic Gamble

God, Darwin and Dinosaurs

Gorilla

Great Barrier Reef

- Great Barrier Reef with Hugh Downs
- The Great Whales
- The Green Machine (green plants)
- ☼ Gymnosperms
- The Heat is on: The Effects of Global Warming
- The Hidden Power of Plants
- ☼ The Hole in the Sky
- ☼ Hot Enough for You?
- ☼ How Babies Get Made
- Human Musculature Videotape
- The Humming Economics of Bees and Wasps
- Hurricane: The Unseen Tragedy
- The Incredible Human Machine
- An Inordinate Fondness for Beetles
- In These Ancient Trees
- Kangaroos – faces in the mob
- Ladybird, Ladybird
- Life in the Greenhouse
- Life on a Silken Thread
- ☼ Life on Earth
  1. The Infinite Variety
  2. Building Bodies
  3. The First Forests
  4. The Swarming Hordes
  5. The Conquest of the Water
  6. The Invasion of the Land
  7. Victors of the Dry Land
  8. Lords of the Air
  9. The Rise of the Mammals
  10. Theme and Variation
  11. The Higher Mammals: The Hunters and the Hunted
  12. The Primates: A Life in the Trees

## 13. The Evolution of Humans: The Compulsive Communicators

- ☀ The Living Body: Life Under Pressure
- ☀ The Living Body: Water, The Urinary Tract
- Living Cultured Cells
- Mammalian Neuroanatomy: KU Med Center
- Gross Anatomy
  - A: 2329 Brain and Spinal Cord
    - 2330 Major Divisions of the Brain
    - 2331 Topography of the Brain
  - B: 2332 Cranial Nerves
    - 2333 Cerebral Blood Vessels
    - 2334 Ventricles and Cerebrospinal Fluid
  - Sensory
    - C: 2342 Proprioception, Vibratory Tactile, Pain and Temperature
      - 2343 Trigeminal Paths
    - D: 2344 Visceral Afferents
      - 2345 Vestibular and Cochlear Systems
      - 2346 Visual Systems
  - Dissection of Hemispheres, Limbic and Autonomic Nervous System
    - E: 2337 Long Association Bundles
      - 2338 Extreme and External Capsules
    - F: 2339 Basal Ganglia, Anterior Commissure
      - 2340 Olfactory System
      - 2341 Limbic System
    - G: 2351 Autonomic Nervous System
      - 2352 Olfactory and Limbic Systems
  - Dissection of Brain Stem and Motor Systems
    - H: 2325 Middle Cerebellar Peduncles and XIII
      - 2336 Inferior and Superior Cerebellar Peduncles
    - I: 2349 Cerebellar Connections
      - 2350 Extraparamidal System
    - J: 2347 Dorsal Thalamus

## 2348 Pyramidal Systems

## Review of the Brain

K: Slides part I Brain Review

L: Slides part II Brain Review

## The Man Who Mistook His Wife for a Hat

## The Mind Series

1. The Search for Mind
2. Development
3. Aging
4. Addictions
5. Pain and Healing
6. Depression
7. Language
8. Thinking
9. The Violent Mind

## The Miracle of Life

## Moth Pheromones

## Movements of Organelles

## "Much Ado About Nothing" Bruce Ames

## The Nervous System



## On the Surface

## Orca: Killer Whale or Gentle Giant

## Our Disappearing Forests

## Out of the Ozone

## Owl: Operation Wildlife: An Overview



## Phylogenetic Systematics, Egene Maurakis and William Woolcott

## Politics, People, and Pollution

## Powers of Ten

## The Promise of the Land

## Race to Save the Planet Series

1. Ancestors With Nature and Now: "The Environmental Revolution"
2. Pollution: "Do We Really Want to Live This Way?"

3. Development: "In the Name of Progress"
4. Extinction: "Remnants of Eden"
5. Energy: "More for Less"
6. Farming: "Feed the World"
7. Garbage: "Waste Not Want Not"
8. Political Decisions: "It Needs A Political Decision"
9. Climate Changes: "Only One Atmosphere"
10. Personal Action: "Now or Never"

Rachel Carson's Silent Spring

The Rival World

Salty Shorts

Save the Earth

The Search for Clean Air

Seas Under Capricorn: Australian Marine Life

Seasons in the Sea



Secret of Life Series

1. The Immortal Thread
2. Accidents Of Creation
3. Birth, Sex And Death
4. Conquering Cancer
5. The Mouse That Laid The Golden Egg
6. Cell Wars
7. Children By Design
8. Who Are You?



Seeds of Tomorrow

Sex on the Reef

Shape of Things

The State of the Earth

1. World Populations Problems
2. Wealth and Nations
3. End of the Line
4. The Global Commons

Still Water (New England Beaver Pond)

Survival in the High North and Reclaiming Paradise?

The Synapse I Cell Structure and Function

A Thousand Million Million Ants

The Toxic Trials

Trawls, Hauls, and Hurls:



Trials of Life Series

1. Arriving
2. Growing Up
3. Finding Food
4. Hunting and Escaping
5. Homemaking
6. Living Together
7. Fighting
8. Friends and Rivals
9. Finding the Way
10. Talking to Strangers
11. Courting
12. Continuing the Line

The Tropical Rainforest: Diverse, Delicate, Disappearing

Under the Emerald Sea: Australian Marine Life

Underwater Volcanoes

What is the Limit?

White Wolf



Will the World Starve?

Within the Human Brain

Zoology Review: Kingdom Animalia