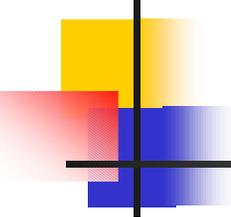


# What is NIDS?

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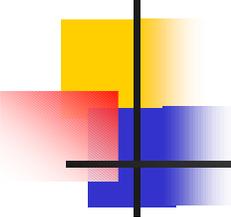
- NIDS Uses Scientific Methodology
- NIDS Employs Full Time Ph.D Scientists
- NIDS Employs ex-law Enforcement Staff
- NIDS Has a Multi-disciplinary Science Advisory Board (SAB)
- NIDS Uses Contract Research



# NIDS Staff

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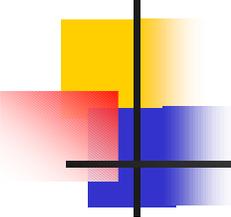
- Kelleher: Deputy Administrator  
Biochemistry, Virology, Immunology
- Davis: Aerospace, Advanced Propulsion  
Concepts, Theoretical Modeling of UFOs
- Onet: Veterinary Pathology, Animal  
Mutilation, Microbiology
- Alexander: Special Projects



## NIDS Staff (cont)

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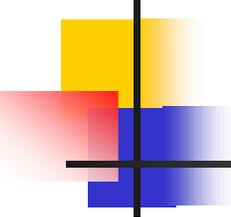
- Ex-law Enforcement Investigators (Las Vegas Based and Field)
- Webmaster/Communications Officer
- Data Coordinator
- Office Coordinator



# NIDS Science Advisory Board

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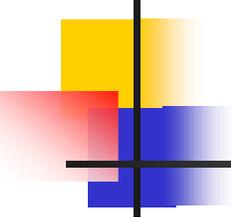
- Astronaut, Theoretical and Experimental Physicists, Statistical Scientist, Developmental Biologist, Psychologist, Computer Scientist, Physician, Engineer/Radiation Specialist, Futurist, University Administrator, Aerospace Consultant, Pediatrician, Astrophysicist, Phenomenologists



# NIDS Programs

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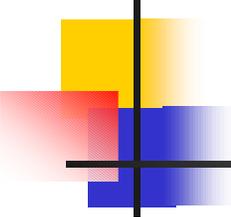
- Field Investigation of UFO Reports in U.S. (hotline 702-798-1700)
- In Depth Investigation in Selected UFO Hot-spots (Instrumentation, Eyewitness Interviews)
- Animal Mutilation Research.
- Publication (<http://www.nidsci.org>), Public Education



# NIDS UFO Hot-Spot Research

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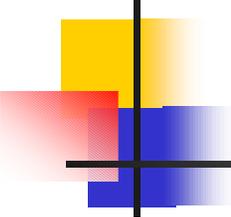
- Instrumentation to Detect Magnetic, Electric Fields, Electromagnetic and Nuclear Radiation, Visible and Infrared Detection plus Spectrometry
- Repeated Interviewing of Hundreds of Eyewitnesses, Site Visits
- Locations: New Mexico, Utah, Arizona



## UFO Hot Spot Research, What Have We Found?

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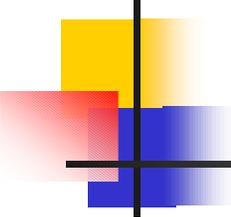
- Between 15%-50% Involve "Craft"
- Multiple Additional Phenomena.
- Multiple Objects/Craft Seen in Very Small Area
- Some Activity Visible in Near Infra-Red, not Visible Range
- Appears to Exhibit Intelligence



## Field Investigation of UFO Reports

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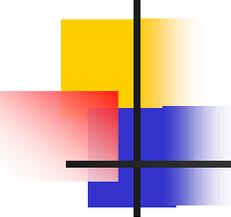
- 24 hour UFO Hotline 702-798-1700
- Mass Mailing of NIDS Information Packets
- UFO Reports are Validated by NIDS Investigators
- Database UFO Analysis, e.g Behavior Vs Geography



## A Recent Multiple Witness Case

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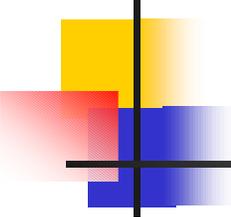
- Four Police Officers Separately Witnessed
- Similar Descriptions
- > 12 Additional Eyewitnesses
- Low Flying, Brightly Lit, Arrow-Head Shape
- A Field Investigation Was Published



# NIDS Hotline UFO Database

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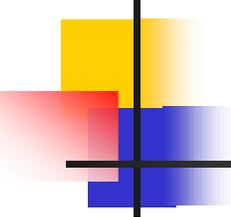
- 42% Multiple Eyewitnesses
- 19.2% Daylight Sightings
- 71.4% More Than 1 min Duration
- 84.3% During Clear Weather
- 35.7% Less Than 600 Feet Away
- 89.9% Were Silent
- 44.3% Moving Slowly
- 22.2% Larger Than ½ Football Field



# NIDS Animal Mutilation Research

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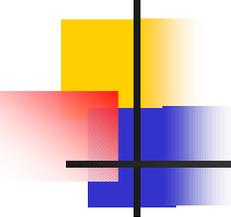
- Staff Veterinarian Plus Contract Vets.
- Treat Site Like a Crime Scene
- Full Necropsy is Essential
- “Fresh” Tissue Samples
- Histopathology, Virology, Bacteriology, Biochemistry, Forensics



# Animal Mutilation-One Case

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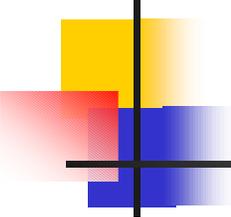
- Sharp instruments confirmed on left eye and left ear
- No tracks, no blood
- Heart shredded, pericardium intact, no exit or entry wounds
- Blue gel containing HCHO, 2,6-bis-dimethylethyl-4-methyl phenol
- Pregnant but no fetus
- Blood KCl
- V. low copper and hemorrhaging



# Blue Gel Analysis

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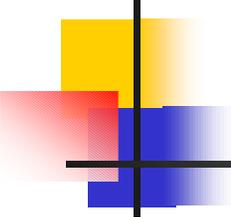
- 1. (a)SEM/EDX, (b) GCMS (c ) Infrared (d) Aldehyde Analysis
- 2. ICPMS and LCMS Electrospray
- 3. Headspace GCMS
- 4.Embalming Gel Analysis



## Animal Mutilation, What Have We Found?

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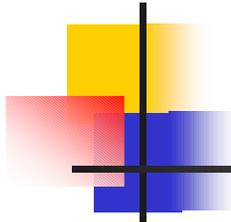
- Predators and Scavengers Ruled Out
- Sharp Instruments are Used
- Similar Patterns of Attack
- Hemorrhaging on Back is Common
- Low Liver Copper is Common
- Sometimes Unusual Substances are Added
- Most Veterinarians Disagree



# NIDS Publications and Education

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- Web site: <http://www.nidsci.org>
- Peer Reviewed Scientific Journals
- National Opinion Polling and Publication of Results
- Mass Mailings
- Media Interviews



# The Future

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- Persuade More Scientists to Enter Field
- Intensify Field Research: Reproducibility is Elusive
- Intensify Data Analysis: “Data Rich, Information Poor”
- Establish More Collaborative Ventures with Organizations
- Slow Down Interpretation