

| Department | Researcher(s) | | | Supervisor(s) | | | Title |
|------------|---------------|-----|--------------|---------------|-----|--------------|---|
| PAS | | C | Korthoeven | Prof | C | Abolnik | GENERATION OF HIGHLY PATHOGENIC AVIAN INFLUENZA IN THE OSTRICH (<i>STRUTHIO CAMELUS</i>) |
| PAS | | M | Bates | Prof | HJ | Bertschinger | OESTRUS CYCLICITY AND PHYSIOLOGICAL STRESS RESPONSE TO IMMUNOCONTRACEPTION IN THE AFRICAN ELEPHANT COW |
| PAS | Dr | F | Dalerum | Prof | HJ | Bertschinger | VALIDATING AN EIA SYSTEM FOR NON-INVASIVE MONITORING OF GLUCOCORTICOID METABOLITES IN BROWN HYAENAS (<i>HYAENA BRUNNEA</i>) USING A ADRENOCORTICOTROPIC HORMONE CHALLENGE |
| PAS | Dr | MC | Fabregas | Prof | HJ | Bertschinger | ASSESSMENT OF BREEDING ACTIVITY, CUB DEVELOPMENT AND HUNTING PROFICIENCY OF SOUTH CHINA TIGERS (<i>PANTHERA TIGRIS AMOYENSIS</i>) AT LAOHU VALLEY RESERVE (SOUTH AFRICA) FOR LATER REINTRODUCTION INTO THE WILD |
| PAS | Dr | A | Ganswindt | Prof | HJ | Bertschinger | TRIGGER AND REGULATORY MECHANISMS OF MUSTH IN AFRICAN ELEPHANTS (<i>LOXODONTA AFRICANA</i>) PART 1: OPTIMISATION OF ANIMAL OBSERVATION, AUDIO RECORDING, SAMPLE COLLECTION AND ANALYSIS |
| PAS | Dr | AE | Newell | Prof | HJ | Bertschinger | CONTRACEPTION OF MALE DOMESTIC DOGS (<i>CANIS FAMILIARIS</i>) AND AFRICAN WILD DOG (<i>LYCAON PICTUS</i>) WITH AN INJECTABLE, LONG-ACTING GONADOTROPIN RELEASING HORMONE AGONIST, DESLORELIN |
| PAS | | M | Nijhof | Prof | HJ | Bertschinger | THE INFLUENCE OF FOOD AVAILABILITY ON THE ANDROGEN PRODUCTION AND BEHAVIOUR OF THE AFRICAN ELEPHANT (<i>LOXODONTA AFRICANA</i>) AND VISUAL ASSESSMENT OF BODY CONDITION |
| PAS | Dr | CJ | Tarr | Prof | HJB | Bertschinger | THE USE OF IMMUNOHISTOCHEMISTRY TO TEST THE IMMUNOCONTRACEPTIVE POTENTIAL OF RECOMBINANT ZP3 AND ZP4 PROTEINS IN HORSES AND ELEPHANTS |
| PAS | | J | Velthuisen | Prof | HJ | Bertschinger | RELATIONSHIP BETWEEN DIETS, BEHAVIOUR, AND THE CONCENTRATION OF GLUCOCORTICOID IN AFRICAN ELEPHANT BULLS |
| PAS | | L | Peppin | Prof | G | Carvalho | DNA-BASED FORENSIC ASSAYS FOR INDIVIDUAL IDENTIFICATION IN THE WHITE RHINOCEROS, <i>CERATOTHERIUM SIMUM</i> |
| PAS | Dr | D | Brahmbhatt | Dr | G | Fosgate | UNDERSTANDING THE SPATIAL DYNAMICS OF FOOT AND MOUTH DISEASE IN THE KRUGER NATIONAL PARK INTERFACE OF SOUTH AFRICA |
| PAS | | K | Hughes | Prof | G | Fosgate | A COMPARISON OF SPATIAL DISTRIBUTION MODELING METHODS FOR THE AFRICAN BUFFALO (<i>SYNCERUS CAFFER</i>) POPULATION IN THE KRUGER NATIONAL PARK |
| PAS | | M | Mény | Prof | GR | Fosgate | INVESTIGATION OF MYCOBACTERIUM AVIUM COMPLEX INFECTION IN RHINOCEROSSES OF SOUTH AFRICA |
| PAS | | LC | Salisbury | Prof | G | Fosgate | DEVELOPING A MULTIPLE CRITERIA DECISION ANALYSIS TOOL TO ASSESS FOOT- AND-MOUTH DISEASE CONTROL METHODS IN SOUTH AFRICA |
| PAS | | PA | Seeber | Dr | A | Ganswindt | REPRODUCTIVE BEHAVIOUR AND ENDOCRINE CORRELATES IN FREE-RANGING MALE ANGOLAN GIRAFFE (<i>GIRAFFA CAMELOPARDALIS ANGOLENSIS</i>) |
| PAS | | I E | Luther Botha | Dr | D | Gerber | THE EFFECT OF THE ACIDIC ORGANIC BUFFER MES ON BULL SEMEN |
| PAS | Dr | F | Joni | Prof | B | Gumnow | DEVELOPMENT OF A DECISION MODEL FOR ASSESSING THE DYNAMICS OF FOOT AND MOUTH DISEASE (FMD) AND AFRICAN SWINE FEVER (ASF) IN THE GREAT LIMPOPO TRANSFRONTIER CONSERVATION AREA (GLTFCA) |
| PAS | | L | Darwent | Dr | C | Harper | THE APPLICATION OF A MULTIPLEX-PCR BASED SPECIES IDENTIFICATION METHOD TO A VARIETY OF AFRICAN WILDLIFE SPECIES |
| PAS | Dr | MHJ | Beaujean | Dr | PC | Irons | DETERMINATION OF FIRST TRIMESTER PREGNANCY STATUS OF AFRICAN BUFFALO BY FECAL STEROID ANALYSIS |
| PAS | | N | Williams | Pro | P | Irons | COMPARISON OF A SPECIES SPECIAL AND CROSS-SPECIES MICROSATELLITE PANEL FOR INDIVIDUAL IDENTIFICATION OF BLUE WILDEBEEST (<i>CONNOCHAETES TAURINUS</i>) |
| PAS | | DG | Roberts | Prof | G | Mitchell | AN ALLOMETRIC ANALYSIS OF PREDICTORS OF BODY MASS AND THE CARDIAC AND PULMONARY SYSTEM OF THE BLUE WILDEBEEST <i>CONNOCHAETES TAURINUS</i> |
| PAS | Dr | S | Van Sittert | Prof | G | Mitchell | Investigating the allometric relationships between giraffe body mass and skeletal dimensions. ' The studies aim to understand the mechanisms by which such an extreme shape are maintained and that led to its evolution. Allometric equations generated can also be applied to predict body masses from skeletal remains, which can be used to describe the shape of extant and extinct giraffids. |
| PAS | Ms | N | Abu Samra | Prof | PN | Thompson | STUDY OF THE EPIDEMIOLOGY OF MILK TRANSMITTED ZOO NOTIC DISEASES AT THE WILDLIFE-LIVESTOCK AND HUMAN INTERFACE IN THE WESTERN BOUNDARIES OF THE KRUGER NATIONAL PARK |
| PAS | | C | Abolnik | | | | DEVELOPMENT AND VALIDATION OF H5 AND H7-SPECIFIC ELISAS FOR OSTRICH SERA |
| PAS | Prof | HJ | Bertschinger | | | | IMMUNOCONTRACEPTION OF FREE-RANGING AFRICAN ELEPHANT (<i>LOXODONTA AFRICANA</i>) COWS ON GAME RESERVES IN SOUTH AFRICA |
| PAS | Prof | HJ | Bertschinger | | | | EFFECT OF UNILATERAL HYSTERECTOMY ON LITTER SIZE IN THE AFRICAN WILD DOG (<i>LYCAON PICTUS</i>) |
| PAS | Prof | JO | Nothling | | | | DO THE GONADS OF BLESBOK LIVING NEAR A DECANTING GOLD- AND URANIUM MINE SHOW SIGNS THAT COULD BE ATTRIBUTED TO MINE POPULATION? |
| PAS | Prof | JO | Nothling | | | | THE USE OF NILE CROCODILE (<i>CROCODYLUS NILOTICUS</i>) EGG REMAINS FOR REPRODUCTIVE- AND GENETIC SURVEILLANCE |