**Research Ethics I – Animal Subjects**

**Checklist - Sections A and B**

Please answer all questions of by ticking the appropriate box:

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| --- | --- | --- |
| **A) Research that will need full review by the Twycross Zoo Internal Ethical Review Panel**  | **Yes** | **No** |
| 1. Involve taking non-invasive or moderately invasive samples such as faeces, saliva and/or hair/fur*, for research purposes only, not utilising existing samples which may be stored (subject to availability and based on opportunistic sample collection).*

If samples are to be taken primarily for population management purposes please indicate here1*:* [ ]  | [ ]  | [ ]  |
| 1. Involve manipulation of animals by movement within or between holding areas outside of standard husbandry practice/natural environmental condition.
 | [ ]  | [ ]  |
| 1. Involve potential health risks to the researcher such as risk of infection of zoonotic disease from handling tissue, blood etc.
 | [ ]  | [ ]  |
| 1. Require the animal to be restrained or movement restricted outside of standard husbandry practice.
 | [ ]  | [ ]  |
| 1. Involve manipulation of the environment through modification of existing furniture, enrichment or introduction of a novel object that is not part of standard husbandry practice/natural condition.
 | [ ]  | [ ]  |
| 1. Have the potential to restrict or alter range of behaviours typically shown by the animal(s).
 | [ ]  | [ ]  |
| 1. Involve the use of non-invasive wearable tracking devices (such as tracking collars, bracelets etc).
 | [ ]  | [ ]  |
| 1. Involve the use of audio and/or visual playback to monitor responses (whether experimental or for enrichment purposes).
 | [ ]  | [ ]  |
| 1. Involve the use of recording equipment (audio or visual) where staff may be identified.
 | [ ]  | [ ]  |
| 1. Involve researcher access to off-show animal areas.
 | [ ]  | [ ]  |
| 1. Involve researcher access to the zoo outside of normal visitor hours.
 | [ ]  | [ ]  |
| 1. Involve members of the public in a research capacity (citizen science etc).
 | [ ]  | [ ]  |

1In line with advice from the Home Office and the Royal College of Veterinary Surgeons biological samples may be taken for population management purposes following a review of the proposed methodology by members of the TZ Research Committee

|  |  |  |
| --- | --- | --- |
| **B) Other research that will need full review by the Twycross Zoo Internal Ethical Review Panel and may be referred to the external Ethical Review Panel (ERP)** | **YES** | **No** |
| 1. Require a Home Office licence to conduct part/all of the research? *If research is not to be conducted in the UK would the conditions of a Home Office licence apply?*
 | [ ]  | [ ]  |
| 1. Involve taking invasive samples such as blood and/or tissue etc. *For research purposes only, not utilising existing samples which may be stored (subject to availability and based on opportunistic sample collection).*

If samples are to be taken primarily for population management purposes please indicate here1*:* [ ]  | [ ]  | [ ]  |
| 1. Involve euthanasia, culling or relocation of animals specifically for the study and/or deviate from the organisational standard euthanasia, culling or relocation procedures.
 | [ ]  | [ ]  |
| 1. Require the use of anaesthesia for the study animal(s).
 | [ ]  | [ ]  |
| 1. Cause potential suffering or harm to the study animal(s) (physical or psychological).
 | [ ]  | [ ]  |
| 1. Involve the movement of animals off-site for research purposes.
 | [ ]  | [ ]  |
| 1. Have the potential to reduce the quality of living conditions typically shown by the animal(s).
 | [ ]  | [ ]  |
| 1. Involve the use of deterrent strategies for mitigation purposes (e.g. fences, audible and/or scent deterrents).
 | [ ]  | [ ]  |
| 1. Involve the use of invasive tracking devices (surgical insertion under the skin, swallowed by the animal etc).
 | [ ]  | [ ]  |
| 1. Involve the administration of drugs, medicines, or nutritional supplements as part of the research design.
 | [ ]  | [ ]  |
| 1. Have the potential to cause delayed adverse effects on the study animal(s) which may only be apparent after the study has finished.
 | [ ]  | [ ]  |
| 1. May result in rescue or confiscation of animals *in-situ* as a result of research findings.
 | [ ]  | [ ]  |

1In line with advice from the Home Office and the Royal College of Veterinary Surgeons biological samples may be taken for population management purposes following a review of the proposed methodology by members of the TZ Research Committee

***Risk Level***

* *If you have answered no to all questions in sections A & B your project is deemed to be low risk.*
* *If you have answered yes to any of the questions in sections A your project is deemed medium risk and will be reviewed by the TZ Internal ethics panel.*
* *If you have answered yes to any of the questions in sections B your project is deemed high risk and will be reviewed by the TZ Internal ethics panel and may be referred to the ERP.*

**Based on my answers above I believe that this project is** (please delete as appropriate):

|  |
| --- |
| **Low risk / Medium risk / High risk**  |

|  |  |  |
| --- | --- | --- |
| **Is your application part of a university research project or postgraduate study with a University?** If so you will need to provide evidence of university research ethics approval | **Yes**[ ]  | **No**[ ]  |

**Research Ethics II – Human Participants**

**Checklist - Section A**

Please answer all questions of by ticking the appropriate box:

|  |  |  |
| --- | --- | --- |
| **A) Other research that will need full review by the Twycross Zoo Internal Ethical Review Panel and may be referred to the external Ethical Review Panel (ERP)** | **Yes** | **No** |
| 1) Is the research focussed on vulnerable groups such as children, those with cognitive impairment, or those in unequal relationships (e.g. your own students)? | [ ]  | [ ]  |
| 2) Does the project involve the collection of material that could be considered of a *sensitive nature*, whether personal, biographical, medical, psychological, social, physiological or other? Will the study involve discussion of sensitive topics (e.g. criminal activity, political opinions, religious beliefs, race or ethnic origin, physical or mental health)? | [ ]  | [ ]  |
| 3) Will the study require the cooperation of a gatekeeper for initial access to the groups or individuals to be recruited (e.g. headmaster at a School; group leader of a self-help group)? | [ ]  | [ ]  |
| 4) Will it be necessary for participants to take part in the study without their knowledge and consent at the time? (E.g. covert observation of people in non-public places?) | [ ]  | [ ]  |
| 5) Is pain or more than mild discomfort likely to result from the study? | [ ]  | [ ]  |
| 6) Could the study induce psychological stress, anxiety, cause harm, or have negative consequences beyond the risks encountered in normal life? | [ ]  | [ ]  |
| 7) Will the study involve prolonged or repetitive testing? | [ ]  | [ ]  |
| 8) Will the research involve administrative or secure data that requires permission from the appropriate authorities before use? | [ ]  | [ ]  |
| 9) Is there a possibility that the safety of the researcher may be in question (e.g. international research; locally employed research assistants)? | [ ]  | [ ]  |
| 10) Does the research involve participants carrying out any of the research activities themselves (i.e. acting as researchers as opposed to just being participants)? | [ ]  | [ ]  |
| 11) Will the research take place outside the UK? | [ ]  | [ ]  |
| 12) Will the outcome of the research allow respondents to be identified either directly or indirectly (e.g. through aggregating separate data sources gathered from the internet)? | [ ]  | [ ]  |
| 13) Will research involve the sharing of data or confidential information beyond the initial consent given? | [ ]  | [ ]  |
| 14) Will financial inducements (other than reasonable expenses and compensation for time) be offered to participants? | [ ]  | [ ]  |
| 15) Will the proposed findings be controversial or are there any conflicts of interest?  | [ ]  | [ ]  |
| 16) Does the research have the potential to radicalise vulnerable people into supporting terrorism or becoming terrorists themselves?  | [ ]  | [ ]  |
| 17) Does your project involve coming into contact with illegal behaviour? | [ ]  | [ ]  |

***Risk Level***

* *If you have answered no to all questions in sections A your project is deemed to be low risk.*
* *If you have answered yes to any of the questions in section A your project is deemed medium-high risk and will be reviewed by the TZ Internal ethics panel and may be referred to the ERP*

**Based on my answers above I believe that this project is** (please delete as appropriate):

|  |
| --- |
| **Low risk / Medium risk / High risk**  |

|  |  |  |
| --- | --- | --- |
| **Is your application part of a university research project or postgraduate study with a University?** If so you will need to provide evidence of university research ethics approval | **Yes**[ ]  | **No**[ ]  |