Poster Topics and Reliable Resources for Poster Topics

These are only suggestions; if you do not see a topic on this list that interests you and you have another idea, please see Dr. Zelinski to discuss. She is also happy to provide you with review articles and other reliable scientific sources for your topic if you are having trouble locating them. zelinski@ohsu.edu

**Poster Topics**

- Follicle growth and maturation
- Female infertility
- Fertility drugs
- In vitro fertilization (IVF)
- Oocyte donation
- Sperm donation
- Intra-cytoplasmic sperm injection (ICSI)
- Embryo culture and embryo transfer
- Ultrasound
- CT Scan/ MRI of reproductive tract
- Male infertility
- Spermatogenesis
- Preimplantation genetic diagnosis (PGD)
- 3-dimensional follicle culture
- Transplantation of ovarian tissue
- Transplantation of testicular tissue
- Inhibition of apoptosis (S1P) to protect oocytes/sperm from cancer treatments
- Ovarian or testicular cryopreservation
- Effects of chemotherapeutic agents on ovaries/testes/fertility

Environmental toxins and female or male reproduction
Aneuploidy
Embryonic development (pre-implantation)
Sensitive stages of embryonic development
Effects of a certain chemical/drug on embryos
Early fetal development
Cryobiology
Implantation
Pregnancy
Endometriosis
Polycystic Ovarian Syndrome (PCOS)
Sexually Transmitted Diseases (STDs; or choose one of them to describe in more detail)
Use of assisted reproductive technologies to save endangered species
Ethical issues concerning infertility
Ethical issues concerning oncofertility treatments
Mitosis
Meiosis
Fertilization

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Mitochondrial gene therapy (mitochondrial transfer in oocytes)
Oncofertility (history, purpose, techniques)
Female contraception
Male contraception
Cancer (any aspect or type)
Biomaterials, alginate
Osmotic minipumps
Psychological impact of cancer on patient, patient decisions on future fertility
Stem cells
Stem cells to make oocytes/spermatogonia
Cloning (reproductive and/or therapeutic)
Ethical issues concerning stem cells

**Reliable Resources for Poster Topics**

http://www.waspacegrant.org/posterdesign.html (Washington NASA Space Grant consortium, how to design a GREAT Poster)

www.reproductivefacts.com (from the American Society for Reproductive Medicine)

http://oncofertility.northwestern.edu (Oncofertility Consortium, science and medical site)

www.myoncofertility.org (Oncofertility Consortium patient site)

www.fertilehope.org (non-profit patient advocacy group for fertility issues and cancer)

www.livestrong.org (Lance Armstrong’s non-profit patient advocacy group)

www.nih.gov (National Institutes of Health)

www.nichd.nih.gov/womenshealth/research (National Institutes of Child Health and Human Development, infertility and contraception research)

www.niehs.nih.gov/health/topics/conditions/repro-health/index.cfm (National Institute of Environmental Health Sciences; environmental toxins)

www.cancer.org (American Cancer Society)

www.aap.org (American Academy of Pediatrics)

www.plannedparenthood.com (Planned Parenthood, contraception, STDs, reproductive health)

http://lifesciences.umich.edu/research/featured/tutorial.html (stem cell tutorial)

http://www.intute.ac.uk/bioethicsweb/ (bioethics)

http://www.ssr.org/comm/pubaff/PubAffIndex.shtml (Society for the Study of Reproduction, Resources, Public Affairs)


www.pubmed.com (PubMed – official site to search for scientific papers published in journals; type a topic into the Search box, you will get journal articles on the topic beginning with the most recent)

www.pbs.org/wgbh/nova/sciencenow/3209/04-related.html  (PBS, Nova, Science Now, stem cells)