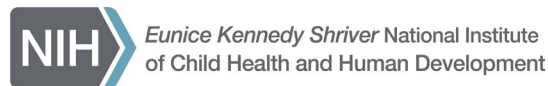


FUNDING AND TRAINING OPPORTUNITIES: Non-NIH Federal, Foundation, and Industry

Louis DePaolo, Ph.D.

Fertility and Infertility Branch, DER, NICHD



TOPICS TO BE COVERED

- Finding potential sources of funding for my research (other than NIH)
- Non-NIH Federal Sources for funding
- Support from Societies
- Foundation Support
- Industry sponsored funding



TOPICS TO BE COVERED

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HOW DO I FIND OUT SOURCES OF POTENTIAL FUNDING

- **Mentor(s)**
 - Excellent source of information for “field”
 - Usually knowledgeable about non-NIH sources
- **Office of Grants and Contracts/Sponsored Research Office at home institution**
 - Access to funding announcements
 - Get to know the staff – they are there for you
- **Office of Technology Transfer**



HOW DO I FIND OUT SOURCES OF POTENTIAL FUNDING

- Search on your own
 - Internet
 - Foundation information
 - Relevant societies
 - **Pediatric Academic Societies**
 - **AAP**
 - **ACOG**
 - **SMFM**
 - **ASRM/SREI**
 - **Others (specialty related)**



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NON-NIH FEDERAL SOURCES OF FUNDING: FDA

- Orphan Products Research Grant (\$14.1 million)
 - <http://www.fda.gov/ForIndustry/DevelopingProductsforRareDiseasesConditions/WhomtoContactaboutOrphanProductDevelopment/default.htm>



NON-NIH FEDERAL SOURCES OF FUNDING: CDC AND AHRQ

- **Centers for Disease Control (CDC)**
 - <http://www.cdc.gov/about/business/funding.htm>
 - Health promotion and disease prevention
- **Agency for Healthcare Research and Quality (AHRQ)**
 - <http://www.ahrq.gov/funding/index.html>
 - Supporting research to improve the quality, effectiveness, accessibility, and cost effectiveness of health care.



NON-NIH FEDERAL SOURCES OF FUNDING

- Office of Naval Research
- U.S. Department of Agriculture
- U.S. Department of Defense/Department of Veterans Affairs
- U.S. Department of Energy
- U.S. Department of Health and Human Services



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SUPPORT FROM SOCIETIES

- **American Cancer Society**

- <http://www.cancer.org/research/applyforaresearchgrant/>
- Research grants for independent investigators
- Mentored Research Grants
- Health Professional Training Grants
- Professor Grants

- **American Diabetes Association**

- <https://www.diabetes.org/research>
- Obesity
- Pre-diabetes



SUPPORT FROM SOCIETIES

- **American Heart Association**

- http://my.americanheart.org/professional/Research/FundingOpportunities/Funding-Opportunities_UCM_316909_SubHomePage.jsp
- Career Development Award
- Postdoctoral fellowship

- **American Lung Association**

- <https://www.lung.org/research/awards-and-grants-opportunities>
- Junior investigator awards (\$40,000/year for 2-3 years)

- **American Academy of Pediatrics**

- <https://www.aap.org/en-us/about-the-aap/Committees-Councils-Sections/Neonatal-Perinatal-Medicine/Neonatologist/Pages/Klaus-Awards.aspx>



SUPPORT FROM SOCIETIES



Research Award Opportunities

<https://www.acog.org/education-and-events/creog/curriculum-resources/non-federal-sources-for-research-funding>



SUPPORT FROM SOCIETIES



Impacting Reproductive
Care Worldwide

<https://www.asrm.org/resources/research-grants-and-awards/asrm-research-grants/>

- **ASRM/NICHD/Duke Clinical Research/Reproductive Scientist Training (CREST) Program (July deadline)**
 - Physicians in private or academic practice
- **KY Cha Award in Stem Cell Technology**
 - \$20,000 start-up funds for research in regenerative medicine and stem cell technology
- **ASRM & SREI Research Grants**
 - New investigators
- **ASRM Research Institute Awards – NEW!**
 - \$250,000 per year for up to three years (+10% F&A)



SUPPORT FROM SOCIETIES

- **The Endocrine Society**

- Early Investigator Awards
- <https://www.endocrine.org/awards/early-investigators-awards>

- **Society for Reproductive Investigation (SRI)**

- SRI Early Career Research Award
- SRI Bridge Grant
- International Training Grant
- <https://www.sri-online.org/career-development/sri-grant-programs>
- **Membership in SRI required**



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FOUNDATION SUPPORT

- **American Association of Obstetricians and Gynecologists Foundation**
 - Research and Training Scholarships
 - Bridge Funding Awards
- **Foundation for Society for Maternal Fetal Medicine (SMFM)**
 - Quilligan Scholars Program
 - SMFM/AAOGF Scholarship
 - Thomas Garite Mini-Sabbatical Grant
 - Queenan Fellowships for Global Health



FOUNDATION SUPPORT

- **Bill and Melinda Gates Foundation**

- <http://www.gatesfoundation.org/How-We-Work/General-Information/Grant-Opportunities>

- **Hearst Foundation**

- <http://www.hearstfdn.org/applying-reporting/how-to-apply/>

- **Gerber Foundation**

- Scholarships, grants, research awards
- <http://www.gerberfoundation.org/>
- Pediatric Research areas



FOUNDATION SUPPORT

- **Preeclampsia Foundation**

- <https://www.preeclampsia.org/>
- Vision Grant Award program
 - Up to \$20,000
- **EMPOWER (EMpowering Progress in Obstetric and Women's hEalth Research)**
 - Two-year research project – up to \$60,000

- **Jones Institute**

- <https://jonesfound.org/education-research/#grants>



FOUNDATION SUPPORT

- **Thrasher Medical Research Foundation – Pediatric medical research topics**



- **Cerebral Palsy International Research Foundation**



FOUNDATION SUPPORT

American SIDS Institute

528 Raven Way, Naples, Florida 34110, 239-431-5425, www.sids.org



Research Funding Opportunity

Application Instructions

Purpose

The objective of this funding opportunity from the American SIDS Institute is to support research related to sudden unexpected infant death (SUID). Priority will be given to (1) young investigators or other investigators with a new SUID-related research focus, and (2) proposals having high potential for leading to extramural research funding. The number of awards will be contingent upon available funds and the submission of a sufficient number of meritorious applications. Budgets may include technical salary support, but investigator salary support and indirect costs may not be included. Awards are for a maximum of \$70,000 divided over 2 years.



FOUNDATION SUPPORT

WK Kellogg Foundati
www.wkkf.org



FOUNDATION SUPPORT

- **March of Dimes**

- <https://www.marchofdimes.org/>
- General research grants addressing pre-term birth
- Research Initiatives
 - **Prematurity**
 - **Birth defects**
 - **Infant health**
- Basal O-Connor Scholar Research Awards
 - \$150,000 for 2 yrs./newly-minted PIs



FOUNDATION SUPPORT

- **Burroughs Wellcome Fund**

- <https://www.bwfund.org/programs-offered>
- Career Awards for Medical Scientists
 - **\$700,000** over 5 yrs./bridge postdoc/fellow and early years of faculty service
- Preterm Birth Initiative
 - **\$500,000** over 4 yrs./postdocs thru established PIs
- Innovation in Regulatory Science
 - \$500,000 over 5 yrs./Innovative approaches in regulatory science to inform decision-making by FDA and others
- Physician-Scientists Institutional Awards
 - **\$2.5M** for single degree M.D.s



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INDUSTRY SPONSORED FUNDING

- **Confidentiality agreement**
- **Drug trials**
 - Phase I
 - Phase II
 - Phase III
- **Device studies**
 - Equipment
 - Monitoring devices
 - Tools for medical application/intervention



INDUSTRY SPONSORED FUNDING

- **Preclinical development**
 - Basic, Translational, Animal models
- **Protocol**
 - Part of the “agreement”
- **Time frame for “delivery of results”**
 - Include IACUC time
 - Experiments
- **Costs incurred (overruns)**
 - Who pays for additional needs
- **Intellectual property rights**
 - Be clear – investigator, institution, company



INDUSTRY SPONSORED FUNDING

- Requires involvement of your institution and contracts/MOU/legal documentation
- Work with your Office of Technology Transfer
- Negotiate aspects of study
- Spell out details ***IN ADVANCE***
 - Protocol – usually set
 - Protocol - advice
- ***Finances – read the fine print***



OTHER ITEMS OF INTEREST

- **Travel awards – multiple societies**
 - Funds for meeting attendance
 - Good way to attend meetings if funds are limited
- **Scholarships**
- **Niche areas**





Thank You!

Questions?