

Dina A. Lienhard (Ziganshina)
Center for Biology and Society
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EDUCATION

- PhD in Biology and Society** Expected 2023
Center for Biology and Society, Arizona State University, Tempe, AZ
- BS in Health Sciences (Pre-professional)** May 2018
Barrett, The Honors College, Arizona State University, Phoenix, AZ
Honors Thesis: "Timeline of Mammography Guidelines in the US"

PROFESSIONAL EXPERIENCE

- Embryo Project Editor in Chief** August 2018 – Present
Edit scientific encyclopedia articles written by the students in the Embryo Project Writing Seminar. Code the articles and their respective metadata in XHTML and publish the articles on the Embryo Project website (embryo.asu.edu). Manage social media (Facebook, Twitter, Reddit) pages, post regular updates, and engage with the audience through outreach events. Teach other students to edit, code, and publish articles according to the Embryo Project Style Guide through the Embryo Project Editing Seminar.
- Teaching Apprentice** May 2018 – May 2019
Created course content for BIO416 (Biomedical Research Ethics) and ASB452 (Community Partnerships in Global Health). The content included lesson plans, lectures, class exercises and discussions, exam questions and graded assignments. Taught several sections of ASB452 with this content.
- Instructional Aide** August 2015 – May 2018
Taught labs for BIO181/182 (General Biology for Majors) and CHM237/238 (General Organic Chemistry) at the Arizona State University College of Integrative Sciences and Arts (Downtown Campus). The classes were between 15 and 24 students. Taught one BIO and one CHM lab every semester, tutored students, led student discussions, and held regular office hours. Developed lectures, lab exercises and other course materials. Graded all student work including midterm and final exams.

PEER-REVIEWED ARTICLES

- Lienhard, Dina**, Lidiya Kisser and Liliya E. Ziganshina. (2018-09-11). "Assessing methodological quality of Russian clinical practice guidelines and Introducing AGREE II instrument in Russia". *PLOS One*.
<https://journals.plos.org/plosone/article?id=10.1371/journal.pone.0203328>

CONFERENCES

- Ziganshina, Dina** (2018-02-18). "Timeline of Mammography Guidelines in the United States". *American Association for the Advancement of Science*. Austin, TX.

INVITED SPEAKER

- Kazilek, Charles, Moeller, Karla, Abboud, Carolina, and **Ziganshina, Dina** (2019-09-25). "Taking Research To Classrooms and the General Public: Ask A Biologist and the Embryo Project" *Conversation Series*, ASU Center for Biology and Society, Tempe, AZ.

Lienhard, Dina, "Mammography". *Embryo Project Encyclopedia* (2018-03-25). ISSN: 1940-5030 <http://embryo.asu.edu/handle/10776/13056>.

Lienhard, Dina, "Roger Wolcott Sperry (1913–1994)". *Embryo Project Encyclopedia* (2018-02-26). ISSN: 1940-5030 <http://embryo.asu.edu/handle/10776/13055>.

Lienhard, Dina, "David Hunter Hubel (1926–2013)". *Embryo Project Encyclopedia* (2018-01-03). ISSN: 1940-5030 <http://embryo.asu.edu/handle/10776/13039>.

Lienhard, Dina, "Nancy Goodman Brinker (1946–)". *Embryo Project Encyclopedia* (2017-12-12). ISSN: 1940-5030 <http://embryo.asu.edu/handle/10776/13026>.

Lienhard, Dina, "Roger Sperry's Split Brain Experiments (1959–1968)". *Embryo Project Encyclopedia* (2017-12-27). ISSN: 1940-5030 <http://embryo.asu.edu/handle/10776/13035>.

Lienhard, Dina, "David H. Hubel and Torsten N. Wiesel's Research on Optical Development in Kittens". *Embryo Project Encyclopedia* (2017-10-11). ISSN: 1940-5030 <http://embryo.asu.edu/handle/10776/12995>.

Lienhard, Dina, "Torsten Wiesel (1924–)". *Embryo Project Encyclopedia* (2017-09-13). ISSN: 1940-5030 <http://embryo.asu.edu/handle/10776/12984>.

Lienhard, Dina, "HIP Randomized Breast Cancer Screening Trial (1963–1982)". *Embryo Project Encyclopedia* (2017-08-08). ISSN: 1940-5030 <http://embryo.asu.edu/handle/10776/12974>.

Lienhard, Dina, "'Screening for Breast Cancer with Mammography' (2013), by Peter Göttsche and Karsten Jørgensen". *Embryo Project Encyclopedia* (2017-08-08). ISSN: 1940-5030 <http://embryo.asu.edu/handle/10776/12975>.

COCHRANE PLAIN LANGUAGE TRANSLATIONS (ENGLISH INTO RUSSIAN)

Karjalainen TV, Jain NB, Page CM, Lähdeoja TA, Johnston RV, Salamh P, Kavaja L, Ardern CL, Agarwal A, Vandvik PO, Buchbinder R. (2019) Surgery for rotator cuff disease → Хирургия при заболевании вращательной (ротаторной) манжеты.

Middleton P, Gomersall JC, Gould JF, Shepherd E, Olsen SF, Makrides M. (2018) Omega-3 fatty acid addition during pregnancy → Добавление в рацион омега-3 жирных кислот во время беременности.

Kohli M, Schiller I, Dendukuri N, Dheda K, Denkinger CM, Schumacher SG, Steingart KR. (2018) Xpert® MTB/RIF test for diagnosing extrapulmonary tuberculosis and rifampicin resistance → Xpert® MTB/RIF тест для диагностики внелегочного туберкулеза и резистентности к рифампицину.

Fortin PM, Hopewell S, Estcourt LJ. (2018) An overview of Cochrane Reviews on red blood cell transfusions to treat or prevent sickle cell disease-related complications → Обзор Кокрейновских обзоров по переливанию эритроцитов для лечения или профилактики осложнений, связанных с серповидноклеточной анемией.

Leathersich SJ, Vogel JP, Tran TS, Hofmeyr GJ. (2018) Medications for reducing contractions during labour for excessively strong/frequent contractions or where the unborn baby is thought to be distressed → Лекарства для уменьшения схваток во время родов при чрезмерно сильных/частых схватках или при подозрении на дистресс плода.

Cooper B, Vachoo P. (2018) Extracorporeal shock wave therapy for the healing and management of venous leg ulcers → Экстракорпоральная ударно-волновая терапия для лечения венозных язв ног.

Perry LA, Ramson D, Stricklin S. (2018) Mirtazapine as an add-on treatment for schizophrenia → Миртазапин в качестве дополнительного средства при лечении шизофрении.

- Arikpo D, Edet ESewanu, Chibuzor MT, Odey F, Caldwell DM. (2018) Educational interventions for improving complementary feeding practices → Образовательные вмешательства для улучшения практики введения прикорма.
- Cluett ER, Burns E, Cuthbert A. (2018) Immersion in water in labour and birth → Погружение в воду во время родов.
- Afshari A, Bastholm Bille A, Allingstrup M. (2017) Aerosols of prostacyclin for management of acute respiratory distress syndrome (ARDS) → Аэрозоли простаглицлина для лечения острого респираторного дистресс-синдрома (ОРДС).
- Shah D, Sachdev HS, Gera T, De-Regil L, Peña-Rosas J. (2016) Fortification of staple foods with zinc for improving zinc status and other health outcomes in the general population → Влияние обогащения обычных продуктов питания цинком на состояние здоровья.
- Murdin L, Hussain K, Schilder AGM. (2016). Betahistine for symptoms of vertigo → Бетагистин при симптомах головокружения.
- Ndikom CM, Fawole B, Plesanmi RE. (2016). Extra fluids for breastfeeding mothers for increasing milk production → Потребление дополнительного объема жидкостей для увеличения продукции грудного молока у кормящих матерей.
- Almeida C, Choy EHS, Hewlett S, Kirwan JR, Cramp F, Chalder T, Pollock J, Christensen R. (2016). Biologic interventions for fatigue in rheumatoid arthritis → Биологические вмешательства для управления усталостью при ревматоидном артрите.
- Alazzam M, Tidy J, Osborne R, Coleman R, Hancock BW, Lawrie TA. (2016). Chemotherapy for resistant or recurrent gestational trophoblastic neoplasia → Противоопухолевое медикаментозное лечение при гестационной трофобластной неоплазии (GTN), которая не поддается лечению первой линии или возникает повторно.
- Powell R, Scott NW, Manyande A, Bruce J, Vögele C, Byrne-Davis LMT, Unsworth M, Osmer C, Johnston M. (2016). Psychological preparation and postoperative outcomes for adults undergoing surgery under general anaesthesia → Влияние психологической подготовки на боль, поведенческое восстановление, негативные эмоции и продолжительность пребывания в больнице после операции.
- Singh JA, Hossain A, Tanjong Ghogomu E, Kotb A, Christensen R, Mudano AS, Maxwell LJ, Shah NP, Tugwell P, Wells GA. (2016). Biologics or tofacitinib for rheumatoid arthritis in incomplete responders to methotrexate or other traditional disease-modifying anti-rheumatic drugs: a systematic review and network meta-analysis → Биологические препараты или тофацитиниб для лечения ревматоидного артрита у больных, которые частично реагируют на метотрексат или другие традиционные противоревматические препараты: систематический обзор и сетевой мета-анализ.
- Lopez LM, Grey TW, Stuebe AM, Chen M, Truitt ST, Gallo MF. (2015). Combined hormonal versus nonhormonal versus progestin-only contraception in lactation → Гормональные и негормональные противозачаточные средства во время грудного вскармливания.
- Kramer MS, Kakuma R. (2012). Optimal duration of exclusive breastfeeding → Оптимальная продолжительность грудного вскармливания, как единственного метода питания.
- Garg SK, Ahuja V, Sankar MJeeva, Kumar A, Moss AC. (2012). Curcumin for maintenance of remission in ulcerative colitis → Куркумин для поддержания ремиссии при язвенном колите.

SELECTED AWARDS

Joseph H. Hazen Education Prize	Summer 2018
Summa Cum Laude, Arizona State University	May 2018
Moeur Award, Arizona State University	May 2018
Susan and Mark Mulzet National Travel Award	February 2018

AAAS Section L Travel Funding	February 2018
Dean's List, Arizona State University College of Health Solutions	Fall 2014 – Spring 2018
New American University Scholarship , Arizona State University	Fall 2014 – Spring 2018

SERVICE AND OUTREACH

Board of Directors member, GrandPaws Pantry July 2019 – present day
 Filed and got approval for the Animal Welfare Grant from Arizona Community Foundation (\$2,604) to GrandPaws Pantry for the [Senior Companion Pet Care Program](#). Participated in outreach and fundraising events. Delivered supplies to charitable community partners. Recorded minutes at the Board of Directors meeting. Currently reaching out to corporations for additional sponsorship for this charity.

Volunteer, U-Nite at the Museum June 2019
 Organized the Embryo Project activities for the event and recruited volunteers. Taught over 200 participants how to make embryos at 1 month of development from clay. Taught the audience about the differences in embryonic development of various animals and tracked the use of supplies for the event.

Volunteer, Night of the Open Door, Arizona State University February 2019
 Organized the Embryo Project activities for the event and recruited volunteers. Taught over 500 participants how to make embryos at 1 month of development from clay. Taught the audience about the differences in embryonic development of various animals and tracked the use of supplies for the event.

LANGUAGES

Russian – native speaker

Tatar – native speaker

English – full proficiency

French – good reading, writing, and speaking proficiency

Dutch – limited reading, writing, and speaking proficiency