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| **ROTHSCHILD FELLOWSHIPS – 2023/2024**  **Application Form** | **ATTACH**  **PHOTO**  **HERE** |

**INSTRUCTIONS:**

A list of publications **must be** included in your CV

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| 1. **PERSONAL INFORMATION** |  |
| 1. Name (both in English and Hebrew)   ID number | Tzipy Lazar-Shoef  ציפי לזר-שואף  ID: 066508904 |
| Permanent address in Israel | Kibbutz Dvir, D.N. Negev, Zip code: 8533000 |
| Current address (if different) |  |
| Phone numbers | mobile: +972-546-452-402 |
| 1. E-mail address | Work: [lazarst@biu.ac.il](mailto:lazarst@biu.ac.il)  Home: [tzipy.lazar@gmail.com](mailto:tzipy.lazar@gmail.com) |
| 1. Date of birth | 12.6.1984 |
| 1. Place of birth | Israel |
| 1. Date of arrival in Israel |  |
| 1. Marital Status (if married by law or common law, include name of spouse) | Married |
| Children and their ages | Two children: 9,6 |
| 1. Which family members will accompany you abroad? | My husband and two children |
| 1. Contact person in Israel while you are abroad | Name: Dr. Israel Belfer  Contact details:  Phone Number: +972-54-214-8500  Home address: 41 Hizkiyahu Hamelech, Apt. 5  Old Katamon, Jerusalem 93224  Email: [roly.belfer@gmail.com](mailto:roly.belfer@gmail.com) |
| 1. Present appointment and place of employment | PhD. Candidate at the Science, Technology and Society graduate program, Bar-Ilan University.  Data Analyst and CRIS (Current Research Information System) implementor, department for ranking and research output at the Rector's office, Bar-Ilan University. |
| 1. Proficiency in foreign languages | Ability to communicate effectively in English both orally and in writing. |
| 1. Interests and hobbies | For the past 14 years, I have been the lead singer of a cover band, performing occasionally. |
| 1. **ACADEMIC CAREER** |  |
| 1. Secondary (High) school (name and location) | ORT Rothschild HaShomron School, Binyamina, Israel |
| 1. Academic discipline | Sociology; Science, Technology and Medicine Studies. |
| 1. Academic studies and university degrees (include current degree).   If degrees were conferred with honours, please indicate.  Please indicate name of university and year. | 2017- present PhD Candidate, Science and Technology Studies, The Graduate Program in Science, Technology and Society at Bar-Ilan University.  2012- 2016 MA Sociology, Department of Sociology & Anthropology. Ben-Gurion University of the Negev, Prof. Uri Ram and Dr. Uri Bibi. **Magna cum Laude**.  2008- 2012 BA. in Sociology and Political science, Department of  Sociology, Political Science and Communication. The Open University of Israel. **Summa cum Laude.** |
| 1. Title of PhD dissertation and   **name of supervisor** | Collective forgetting of medical practices: American vaginal breech deliveries as a case-study.  Supervised by: Prof. Noah Efron and Prof. Nadav Davidovitch (Ben Gurion University) |
| 1. Submission/approval of PhD thesis (month/year); if not yet submitted, please provide anticipated date. | The submission is due by March 2023. |
| 1. Academic awards and distinctions | 2022- Excellent presentation at the 21st conference of the Israeli Society for the History, Philosophy and Sociology of Science.  2021- The Avner Goldman memorial award  2021- The Science, Technology and Society Program Research Student Excellence award.  2018)- Presidential Doctoral Fellows of Excellence Merit-Based Scholarships. Bar-Ilan University (a 4-year fellowship) |
| 1. Periods of academic study and research outside Israel; please provide date, location, and field of study. |  |

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| 1. **PLANNED STUDY AND RESEARCH ABROAD** |  |
| 1. Institution(s) abroad where you intend to conduct your studies/research.   List institutions to which you have applied and provide acceptance letters if available. | I have been in contact with several individuals from top institutes in the field of Science, Technology, and Medicine:  1.Department of History, University of California San Diego (UCSD). Contact: Prof. Tal Golan, who agreed to be my contact at the university.  2. Department of Social Studies of Medicine at McGill University is an interdisciplinary program, located in the Faculty of Medicine. Relevant contact: Prof. George Weisz, who agreed to be my contact at the university.  3. The Harvard Kennedy School. Relevant contact: Prof. Sheila Jasanoff  4. Department of the History of Science at Harvard University. Relevant contact: Prof. David S. Jones, who agreed to be my contact at the university. |
| 1. When do you plan to begin your studies abroad? | October 2023. |
| 1. Period of proposed research or study | A period of 1-2 years is required to gather empirical evidence, analyse it, and publish the results. |
| 1. **FINANCIAL INFORMATION** |  |
| 26. Do you expect to receive a salary, partial salary, scholarship, fellowship, grant, sabbatical allowance, study allowance or any other payment from any source, including your present university, host university or another source during the proposed period abroad? If so, please provide details of any such allowances. | No. |
| 27. You are highly encouraged to apply for a fellowship, scholarship or grant from another institution. Please indicate to which fellowships, if any, you have applied. | In addition to the Rothschild Fellowship 2023-2024, I am in different stages of candidacy to prominent scholarship resources for studying abroad:  1. Fulbright Postdoctoral Fellowship– $47,500 for up to one year research in the United-States.  2.The Bar-Ilan postdoctoral fellowships to women (Due to December 2022)- ש"ח 75,000, for study abroad. |
| 1. **OTHER INFORMATION** |  |
| 28. Please include here any additional information you would like the selection committee to consider | Over the past ten years, I have acquired extensive research experience in the Academy, at the *Israel Democracy Institute*, *Edva Center*, the *Open Media and Information Laboratory* (OpenU), and elsewhere. I have conducted large-scale surveys, produced research reports and books, developed digital research tools and trained algorithms. I have acquired expertise in a variety of research methods, including quantitative, qualitative, computational, and others.  As a Rothschild fellow, I would have the opportunity to conduct research abroad as the next essential step in my training to become an independent researcher and a leader within the Israeli Academy. This fellowship will provide me with the opportunity to meet leading researchers and access resources that are not available in Israel, which will undoubtedly broaden my horizons. |
| **F) REFEREES** |  |
| 29. State the name and affiliation of the scholars from whom you have requested letters of recommendation and have agreed. Please indicate your relationship to them. **Your supervisor(s) should be listed first.** | Prof. Noah Efron. Chair of the Graduate Program in Science, Technology, and Society graduate program at Bar-Ilan university. Current Advisor.  Prof. Nadav Davidovitch. Chair, Ben Gurion University School of Public Health, and Chair, Department of Health Systems Management, Ben-Gurion University of the Negev. Chair of Association of Israeli Public Health Physicians. Current Advisor.  Prof. (PhD) Eviatar Zerubavel. Board of Governors Distinguished Professor Emeritus, Department of Sociology, Rutgers University.  Since we met four years ago, when Eviatar gave a lecture at the STS program seminar, he has been a close mentor. I have sought his advice regarding my dissertation and theoretical ideas ever since, and recently I began an online research seminar supervised by Professor Zerubavel, in which I am currently developing a concept-driven approach to Collective Forgetting. |

When answering the following questions, please take into consideration that the Committee Members come from a variety of disciplines, and it is important that you write in a language accessible to non-specialists (**please don’t answer these questions on separate pages**).

**30. Please provide a summary of your dissertation (up to 450 words).**

My research examines how caesarean deliver came be an almost unquestioned and default obstetric response in the United States to breech presentation in labor. This approach prevails despite the absence of formal guidelines prohibiting vaginal breech deliveries. Obstetricians commonly cite the publication of the Term Breech Trial (TBT, 2000) to explain why vaginal breech births ceased. The TBT, a large international study, claimed that planned caesarean sections are safer for newborns than vaginal deliveries. My study revealed that the processes that ultimately led to the discontinuance of vaginal breech births in the United States were ongoing long before the TBT’s publication. I argued that “collective forgetting” was the principal driving force behind the abandonment of the practice. Consequently, American obstetricians have steadily lost the skills and motivation needed to perform successful vaginal breech deliveries.

In my dissertation, I describe how the process of forgetting began in the 1950s, when obstetricians became convinced that breech deliveries were both rare (3–4% of term babies present with breech) and dangerous. A consensus emerged that cesarean sections, which had become safer and gained popularity, were a safer alternative. This consensus led to a cycle of collective forgetting. With obstetricians increasingly opting for surgery, they had fewer opportunities to practice vaginal deliveries. Delivering a breech baby requires exacting skills gained primarily through experience, thus fewer doctors learned or mastered these skills. Training programs excluded vaginal breech deliveries from their curricula, producing new generations of doctors who rarely experienced or observed these births. Less confident about delivering breech babies safely, obstetricians refrained from the procedure. By the late-1970s, cesarean sections had become the modus operandi for breech cases. Vaginal delivery of breech babies became a “dying art” that only a few “old school” professionals could or would perform.

Controversy over breech management began to emerge in the early 1980s after two prospective studies questioned cesareans’ advantages in breech presentations and public criticism of the overuse of cesareans began growing. Consequently, some obstetricians began questioning surgery’s extensive use and sought to restore the practice of vaginal breech delivery. Nonetheless, many doctors had to perform cesareans due to their lack of knowledge, their colleagues’ resistance, or fear of exposure to malpractice lawsuits for breech deliveries with poor outcomes.

In the 1990s, seeking to resolve this controversy, the TBT initiative surveyed the few remaining cases of breech births worldwide and found that surgical intervention in breech births was safer than vaginal delivery. The study was immediately followed by directives to prohibit vaginal breech deliveries. However, the TBT findings proved controversial and were later amended. My study concludes that the TBT did not cause breech births to disappear but merely sanctioned their abandonment following decades of “collective forgetting.”

**31. Please provide a summary of your present research, if different from your dissertation (up to 400 words).**

In addition to the above, I am presently collaborating with Dr. Oren Asman of Tel Aviv University (Bioethics and Law Center) and the Schlesinger Institute for Medical-Halachic Research (adjacent to Shaare Zedek medical Center - Jerusalem) on a data-analysis approach to the unique International Responsa Project (IRP) combining Medic-Halakhic issues. This corpus of questions and answers relates to a wide range of topics and aimed at religious, legal medical and ethical topics in over 10,000 instances.

**32. Please describe your planned research activities for your postdoctoral studies (up to 650 words).**

As soon as I arrive at my future host institution as a Rothschild fellow, I intend to reach out to nearby medical centers, particularly University Hospitals. I will then initiate the formal process necessary to conduct observations and interviews in medical settings, including obtaining administrative and ethical approvals.

Meanwhile, I plan to begin the first phase of my mixed-methods research protocol, which begins by mapping the discourse about stethoscopes and cardiac auscultation since the mid-20th century. With the help of bibliometric and computational tools, I plan to survey tens of thousands of medical journals and proceedings indexed by the National Library of Medicine.

After gaining a general understanding of the main characteristics of the discourse, how it has changed over time, and major milestones in its development, I intend to conduct more focused analysis of archival materials (professional publications, guidelines, court decisions, media coverage, etc.). This inquiry will take place in medical libraries, hospital archives, and through digital academic indexes.

As a third stage, I will begin my fieldwork in a central university hospital. This setting offers me the opportunity to study several generations of practitioners, including seniors, residents, interns, students, administrative, and legal staff. I aim to interview and observe them as they interact in the classroom, during clinical training, as well as during their daily routine.

Along with participating in seminars, I intend to submit a proposal for presentation at the Society for Social Studies of Science (4S) annual conference where I will present my study and the concept of collective forgetting in science and medicine as my empirical findings become clearer. Having the opportunity to present at the largest event in the field of Science Studies will enable me to progress with the writing of my article on the case of the stethoscope as well as recruit researchers to join an interdisciplinary research network to study the phenomenon of collective forgetting.

Furthermore, I plan to spend some timewith Professor Eviatar Zerubavel, in order to translate my empirical findings and theoretical ideas into a first draft of a book about collective forgetting.

It is important to note that these activities are only some of the many plans and opportunities I intend to pursue during my postdoctoral period abroad. The generous funding provided by the Rothschild fellowship will allow me to achieve these goals, and more.

**33. Explain, in some detail, the reasons for your choice of country, institution and academic supervisor abroad, and the connection, if any, with your present and planned future work (up to 130 words).**

The North American medical field is an excellent place to study medical collective forgetting, in part because processes that arise in American clinical settings have a significant impact upon health policies around the world (as in the case of the breech delivery story). Additionally, it encompasses the largest Science, Technology, and Medicine (ST&M) community. Therefore, I chose to conduct my field research at North American universities (listed in Section 19.), which are located near large educational medical centers and are considered top-level departments within the ST&M field; I would greatly benefit from interacting with leading faculty in my field.

34. Please describe in one paragraph (10-12 lines) what you hope to have achieved at the conclusion of your post-doctoral studies.

By the end of my fellowship, I expect to complete my empirical work and achieve three major objectives: First, publishing at least one comprehensive article on the history of cardiac auscultation. This article will describe the mechanisms and the processes by which cardiac auscultation, and its associated technology - the stethoscope- have collectively been forgotten along with the incorporation of other imaging technologies. Secondly, I intend to prepare a first draft of a book that will describe the phenomenon of "collective forgetting" in medicine, science, technology and beyond. This book will examine the basic dynamics that are common to various cases of collective forgetting. Thirdly, I wish to establish an interdisciplinary network of researchers interested in different aspects of collective forgetting, including researchers from Science Studies, Anthropology, Psychology, Management, Computer Science, Data Science, and other fields.

I have read the Notes to Candidates in their entirety, confirm that I shall adhere to the stipulations contained in the document and agree to provide any further information which the Rothschild Fellowships Committee may deem necessary to evaluate my candidacy. (**please check the box to indicate your agreement**).