

CURRICULUM VITAE August 2022

Henry J. Silverman, MD, MA

Professor of Medicine | The University of Maryland School of Medicine
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|International Bioethicist |
|Researcher in International Research Ethics |
|Educator in Research Ethics, Research Methodology, Scientific Writing |
| Clinical Ethics Consultant |

COMPETENCIES AND SKILLS

- Educational skills: proficiency in online teaching and graduate teaching, and development of educational programs in different cultural settings.
- Analytical Thinking: analysis of complex problems with multiple stakeholders
- Ethics Consultant: engage with diverse stakeholders to help develop solutions and consensus on patient care ethics dilemmas
- Communication and Listening skills:
- Leadership Skills: leadership of inter-professional committees
- Cross Cultural Experience: interaction with individuals of many international cultures

PROFESSIONAL EXPERIENCE:

International Educator in Research Ethics, Research and Scientific Writing 2005 to Present

I direct several international training programs to enhance the capacity of research ethics, research methodology, and scientific writing of mid-career professionals in the Middle East, Myanmar, and The Gambia.

- Principal investigator of several Fogarty International Center/NIH grants to enhance research and research ethics capacity of mid-career professionals and specifically develop the curriculum of diploma and master's programs in research ethics.
- Provide face-to-face workshops and online training in research ethics and scientific writing to scores of mid-career professionals in international areas.
- Editor of multi-authored book – [Research Ethics in the Arab Region](#) – Springer Publishing
- Manage websites that host online training – www.ethicseducationonline.net; www.mereti-network.net; www.geei.org.

Researcher in International Research Ethics

2005 to Present

- I perform empirical and theoretical international research investigating issues relevant to research ethics issues in international settings.
- Direct efforts of medical students and post-graduates to conduct and publish research in ethical issues.
- Collaborate with other regional bioethicists to conduct research investigating ethical issues

Chair, Ethical Advisory Committee, University of Maryland Medical Center | 1990 to present

I serve as the lead consultant for the ethics consult service at the University of Maryland Medical Center (UMMC). My other duties include assisting Leadership at UMMC with developing policies dealing with ethical issues (e.g., Withdrawal of Life-Sustaining Treatments, Patients' Rights, Medical Futility, Allocation of scarce resources), and provision of ethics education to the inter-professional staff

- Increased the number of ethics consults performed at the UMMC to more than 130 consults/year
- Direct a multi-disciplinary ethics service that provides consultations 24 x 7 to the hospital staff and patients and their families.
- Partner with other educators, administrators, and hospital leadership to drive forward ethical decision-making involving patients and families.
- Collaborate with Palliative Care Service to enhance appropriateness of decisions at the end-of-life.
- Provide ethics input on relevant subcommittees of the University of Maryland Medical Center (UMMC).
- Provide advice regarding transplant ethics to the transplant services including xenotransplantation

Ethics Educator, University of Maryland School of Medicine

In my role as an educator, I provide ethics teaching for medical students, residents, and nurses. I serve as course master for graduate courses in Public Health Ethics and Research Ethics. I also guide the Medical Students' Interest Group in Medical Ethics.

- Conduct a monthly virtual "ethics rounds" to professional staff for all the hospitals within the University of Maryland Medical System.
- Offer an online self-paced learning program in clinical ethics and professionalism to the professional staff.
- Direct an online 12-credit certificate program in research ethics at the Graduate School.
- Organized a required course in Medicine & Literature for the first-year medical students
- Teach a three-credit graduate course in research ethics at CUNY (Adjunct Professor).

MAJOR ACADEMIC POSITIONS

1990 to present	Chair, Ethical Advisory Committee - University of Maryland Medical Center
1983 to present	Attending in the ICU, Pulmonary & Critical Care
1983 to 2001	Director of Medical Intensive Care Unit - University of Maryland Medical Center

EDUCATION:

B.S. Biomedical Engineering Rensselaer Polytechnic Institute, Troy, New York
M.S. Biomedical Engineering Rensselaer Polytechnic Institute, Troy, New York
M.D. Medicine: The Johns Hopkins School of Medicine, Baltimore, Maryland
M.A. Bioethics: Georgetown University, Washington D.C.

TEACHING AWARDS

1988	Senior Residents' Award for Teaching, University of Maryland Medical Center
2001	Humanism in Medicine Award, The Healthcare Foundation of New Jersey
2013	Teaching Award Department of Public Health University of Maryland Medical School

MAJOR RESEARCH INTERESTS

- Research Ethics
 - Biobanks and Genomics
 - Ethics Consultations
 - Medical Ethics Education
 - Online Teaching
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BOARD CERTIFICATIONS:

American Board of Internal Medicine #79628, Pulmonary #79628, Critical Care Medicine #79628

LICENSURE: Maryland #D22643

SERVICE TO THE COMMUNITY:

- President, Global Bioethics Initiative, Non-Profit Organization, New York
 - Editorial Board Member
 - Journal of Empirical Research in Human Subject Research
 - Accountability in Research
 - Management of an Endowed Howard B. Mays Lectureship in Medical Ethics.
 - President, The Silverman Foundation
-

GRANT SUPPORT:

Present:

2R25 TW007090: Fogarty International Center/NIH –

Project Title: Middle East Research Ethics Training Initiative (MERETI)

Principal Investigator: SILVERMAN, HENRY J MD 25%

Dates: 06/01/2016 – 5/31/2023; Amount: Total Costs: \$1,250,000

1R25TW010516-01 Fogarty International Center/NIH

Project Title: Developing a master's degree program in research ethics in Myanmar

Principal Investigator: SILVERMAN, HENRY J MD 20%

Dates: 06/01/2017 – 5/31/2023; Amount: Total Costs: \$1,000,000

1R25TW010516-01: Supplement to Fogarty International Center/NIH

Project Title: Developing Training in Health Equity Research

Principal Investigator: SILVERMAN, HENRY J MD 5%

Dates: 07/01/2021 – 06/30/2023; Amount: Total Costs: \$100,000

1R25TW011804-01A1: Fogarty International Center/NIH

Project Title: Enhancing Research and Research Ethics Capacity in The Gambia

Project PIs: Veronica P.S. Njie-Carr and Henry Silverman 15% effort

Project Start/End Date: 04/01/2022 – 03/31/2027; Amount: Total Costs: \$1,200,00

Previous

University of Maryland, Baltimore, Institute for Clinical & Translational Research (ICTR)

Project Title: Moral Distress in Health Care Providers Caring for Patients with COVID-19. A Qualitative Study. Lead PI: Dr. Henry Silverman, UMB School of Medicine ATIP Application ID: 133
 Dates: June 2020 – January 2021; Total Costs: \$10,000

World Health Organization (WHO) - Strengthening Community Engagement to Ensure Effective and Equitable Implementation of Strategies Involving Socially Vulnerable Populations in the Response to Covid-19 in Myanmar. Silverman, HJ 5%

Dates: February 2020 – April 2020; Total Costs: \$40,000

2R25 TW007090-14 (S): Supplement to Fogarty International Center/NIH

Project Title: Assessing Perspectives of key stakeholders involved in biobanking in the Middle East.

Principal Investigator: SILVERMAN, HENRY J MD 5%

Dates: 06/01/2019 – 5/31/2020; Amount: Total Costs: \$100,000

3R25TW007090-08S1: Fogarty International Center/NIH

Project Title: Research Ethics Training in Myanmar

Principal Investigator: Silverman, Henry J MD

Dates: 9/01/2014 – 5/31/2016, Amount: Total Costs: \$75,000

3R25TW007090-04S3: Fogarty International Center/NIH

Title: Information and Communication Technology (ICT), Administrative Supplement

Principal Investigator: Silverman, Henry J

Dates: 10/1/09 – 9/30/2011

1 R25 TW007090-01: Fogarty International Center/NIH

Project Title: International Research Bioethics Training Program: Egypt

Principal Investigator: SILVERMAN, HENRY J MD 25%

Dates: 09/03/04 – 6/30/08; Amount: Total Costs: \$938,197

National Heart, Lung, and Blood Institute (NHLBI): Clinical Center for a Clinical Network for the Treatment of Adult Respiratory Distress Syndrome. Principal Investigator;

Dates: 10/1994 - present; Amount: Total Costs: \$883,540;

Direct Costs: \$799,001; Indirect Costs: \$84,539.

R25 CA66940: National Institutes of Health

Hospice Educational Program for the School of Medicine.

Co-Investigator. 10% Salary Support

Southern Medical Association: "Regulation of Beta Receptors in Patients with Septic Shock". Ruben Penaranda, Principal Investigator; Henry J. Silverman, Clinical Advisor. Dates: 7/88-6/89; Amount: \$2,500.

Southern Medical Association: "Myocardial Dysfunction in Septic Shock". John Orens, Principal Investigator; Henry J. Silverman, Clinical Advisor. Dates: 7/89-6/90; Amount: \$2,500.

Maryland Lung Association Grant: "Regulation of Beta Receptors in Canine Endotoxin Shock". Principal Investigator. Dates: 7/86-12/88; Amount: \$35,000

PUBLICATIONS

Thesis Dissertation:

1. **Silverman HJ.** Plasma protein kinetics after hemorrhage and resuscitation with crystalloid solutions. Master Thesis. Rensselaer Polytechnic Institute, 1974.

Book:

1. Research Ethics in the Arab Region (ed) Henry Silverman; 2017; Springer International Publishing

Refereed Journal Articles:

1. **Silverman HJ,** Haponik EF, Van Hook C. Hemodynamic changes in human anaphylaxis. *Am J of Med* 1984; 76:341-344.
2. Rock P, **Silverman HJ,** Plump D, Zenon K, Michael J, Summer W. Naloxone does not increase mean arterial blood pressure in patients with septic shock. *Crit Care Med* 1985; 13:28-35.
3. **Silverman HJ,** Haponik EF. Pulsus paradoxus in pulmonary embolism. *Crit Care Med* 1986; 14:165-166.
4. **Silverman HJ,** Taylor WR, Smith PL, Lichtenstein L, Sobotka A, Bleecker ER. Prevention of antigen shock by Isoproterenol in an in vivo canine model. *Am Rev Respir Dis* 1986; 134:243-247.
5. **Silverman HJ,** Eppler J, Pitman AP, Patz D. Pulmonary artery wedge pressure measurements in patients on assisted ventilation. *J Crit Care* 1987; 2:115-120.
6. **Silverman HJ,** Taylor WR, Smith PL, Lichtenstein L, Sobotka A, Bleecker ER. Effects of antihistamines on the cardiopulmonary changes due to canine anaphylaxis. *J Appl Physiol* 1988; 64:210-217.
7. Oken H, **Silverman HJ.** Shortness of breath and chest pain in a 38-year-old woman with a history of breast cancer. *Hospital Physician* 1988; 24:49-56.
8. **Silverman HJ,** Abrams J, Rubin LJ. Effects of Interleukin-2 on oxygen delivery and consumption in patients with advanced malignancy. *Chest* 1988; 94:816-821.
9. Panos RJ, Barr LF, Walsh TJ, **Silverman HJ.** Factors associated with fatal hemoptysis in cancer patients. *Chest* 1988; 94:1008-1013.
10. **Silverman HJ,** Haponik EF. Thorotrastoma with massive hemoptysis. *Hospital Physician* 1989; 25:25-28.
11. Nora R, Abrams JS, Tait NS, Hiponia D, **Silverman HJ.** Myocardial toxicity during recombinant interleukin-2 therapy. *J Nat'l Cancer Institute* 1989; 81:59-63.
12. Bone RC, Slotman G, Maunder R, **Silverman H,** Hyers T, Kerstein M, Ursprung JJ and the Prostaglandin E₁ Study Group. Randomized double blind, multi-center study of Prostaglandin E₁ in patients with the adult respiratory distress syndrome. *Chest* 1989; 96:114-119.

13. Bone RC, Maunder R, Slotman G, **Silverman HJ**, Hyers TM, Kerstein MD, Ursprung JJ, and the Prostaglandin E₁ Study Group. An early test of survival in patient with the adult respiratory distress syndrome. The PaO₂/F_IO₂ ratio and its differential response to conventional therapy. *Chest* 1989; 96:849-851.
14. **Silverman HJ**, Slotman G, Bone RC, Maunder R, Hyers, TM, Kerstein MD, Ursprung JJ, and the Prostaglandin E₁ Study Group. Effects of prostaglandin E₁ on oxygen delivery and consumption in patients with the adult respiratory distress syndrome. *Chest* 1990; 98:405-410.
15. **Silverman HJ**, Lee NH, El-Faakahany EE. Effects of canine endotoxin shock on lymphocytic beta-adrenergic receptors. *Circulatory Shock* 1990; 32:392-306.
16. **Silverman HJ**. Lack of a relationship between induced changes in lactate levels. *Chest* 1991; 100:1013-1015.
17. **Silverman HJ**. Gastric tonometry: An index of splanchnic tissue oxygenation? *Crit Care Med* 1991; 19:1223-4.
18. Bone RC, Balk R, Slotman G, Maunder R, **Silverman HJ**, Hyers T, Kerstein M and the prostaglandin E₁ study group. The adult respiratory distress syndrome: A manifestation of a systemic disease. *Chest*. 1992; 101:320-330.
19. **Silverman HJ**, Vinicky JK, Gasner MR. Advance directives: implications for critical care. *Crit Care Med* 1992; 20:1027-1031.
20. **Silverman HJ**, Tuma P. Gastric tonometry in septic patients: Effects of dobutamine infusions and packed red blood cell transfusions. *Chest* 1992; 102:184-188.
21. **Silverman HJ**. Deciding when to discuss or provide cardiopulmonary resuscitation. *J Crit Care* 1992; 7:129-135.
22. Slotman GJ, Kerstein MD, Bone RC, **Silverman HJ**, Maunder R, Hyers TM, Ursprung JJ and the prostaglandin E₁ study group. The effects of prostaglandin E₁ on non-pulmonary organ function during clinical acute respiratory failure. *Journal of Trauma*. 1992; 32:1-10.
23. Martin MA, **Silverman HJ**. Gram-negative sepsis and the adult respiratory distress syndrome. *Clinical Infectious Disease* 1992; 14:1213-1228.
24. **Silverman HJ**, Penaranda R, Orens J, Lee NH. Evidence of myocardial beta-adrenergic desensitization in septic patients. *Crit Care Med* 1993; 21:31-39.
25. **Silverman HJ**, Fry ST, Armistead N. Nurses' perspectives on implementation of the Patient Self-Determination Act. *Journal of Clinical Ethics* 1994; 5:30-37.
26. Society of Critical Care Medicine Ethics Committee. Consensus statement on the triage of critically ill patients. *JAMA* 1994; 271:1200-1203.

27. **Silverman, HJ.** Revitalizing a hospital ethics committee. *HEC Forum* 1994; 6:189-222.
28. Weg JG, Balk RA, Tharatt RS, Jenkinson SG, Shah JB, Zaccardelli D, et al. and the Exosurf ARDS Sepsis Study Group. Safety and potential efficacy of an aerosolized surfactant in human sepsis-induced adult respiratory distress syndrome. *JAMA* 1994; 272:1433-1438.
29. **Silverman HJ,** Tuma P, Schaeffer M, Singh B. Implementation of the Patient Self-Determination Act in a hospital setting: An initial evaluation. *Arch Intern Med* 1995; 155:502-510.
30. Abraham E, Wunderink R, **Silverman HJ,** et.al. Efficacy and safety of monoclonal antibody to human tumor necrosis factor alpha in patients with sepsis syndrome. *JAMA* 1995; 273:934-941.
31. Travaline JM, **Silverman HJ.** Discussions with outpatients with chronic obstructive pulmonary disease regarding mechanical ventilation as life-sustaining therapy. *Southern Med J* 1995; 88:1034-1038.
32. **Silverman HJ.** How decisive are physician values in end-of-life decision-making? *Crit Care Med* 1996; 24:909-910.
33. **Silverman HJ.** Ethical considerations of ensuring an informed and autonomous consent in research involving critically ill patients. *Amer J of Respir and Crit Care Med* 1996; 154:582-86.
34. **Silverman HJ,** Lanken PN. Advance Directives: Are they fulfilling their purpose? *Current Opinion in Critical Care* 1996; 2:337-343.
35. **Silverman HJ.** The role of emotions in decisional competence, standards of competency and altruistic acts. *The Journal of Clinical Ethics* 1997; 8:170-175.
36. Khanna V, **Silverman H,** Schwartz J. Disclosure of Operating Practices by Managed Care Organizations to Consumers of Health Care: Obligations of Informed Consent. *The Journal of Clinical Ethics* 1998; 9:291-296.
37. **Silverman HJ.** Description of an ethics curriculum for a medicine residency program. *Western Journal of Medicine* 1999; 170:228-231.
38. The Acute Respiratory Distress Syndrome Network. Ketoconazole for Early Treatment of Acute Lung Injury and Acute Respiratory Distress Syndrome. A Randomized Controlled Trial. *JAMA.* 2000; 283:1995-2002.
39. The Acute Respiratory Distress Syndrome Network. Ventilation with Lower Tidal Volumes as Compared with Traditional Tidal Volumes for Acute Lung Injury and the Acute Respiratory Distress Syndrome. *N Engl J Med.* 2000; 342:1301-8.
40. **Silverman, HJ.** Organizational Ethics in Health Care Organizations: Proactively Managing the Ethical Climate to Ensure Organizational Integrity. *HEC Forum.* 2000; 12:202-215.
41. **Silverman HJ,** Hull S, Sugarman J. Degree of variability among institutional review boards on approved research practices and informed consent in the context of a multi-center clinical trial. *Critical Care Medicine.* 2001; 29:235-241.

42. DeRenzo E, **Silverman HJ**, Hoffmann D, Schwartz J. Maryland's Ethics Committee Legislation: A Leading-Edge Model or A Step into The Abyss. *HEC Forum*. 2001; 13:49-58.
43. Kallet RH, Corral W, **Silverman JH**, Luce JM. Implementation of a low tidal volume ventilation protocol for patients with acute lung injury or acute respiratory distress syndrome. *Respir Care* 2001; 46(10): 1024-1037.
44. The Acute Respiratory Distress Syndrome Clinical Trials Network. Randomized, placebo-controlled trial of lisofylline for early treatment of acute injury and acute respiratory distress syndrome. *Crit Care Med* 2002; 30:1-6.
45. **Silverman HJ**. Symptom management in the intensive care unit: toward a more holistic approach. *Crit Care Med*. 2002; 30(4):936-7.
46. Tarzian A, **Silverman HJ**. Care Coordination and Utilization Review: Clinical Case Managers' Perceptions of Dual Role Obligations. *Journal of Clinical Ethics*. 2002; 13:216-229.
47. **ATS Alpha-1-Antitrypsin Deficiency Task Force. American Thoracic Society/European Respiratory Society Statement: Standards for the Diagnosis and Management of Individuals with Alpha-1 Antitrypsin Deficiency. Silverman HJ**. Chair: Genetic Testing for Alpha-1 Antitrypsin Deficiency: Genetics, Psychosocial, Ethics, and Economics Issues. *Am J Resp Crit Care Med*. 2003; 168:818-900.
48. **Silverman HJ**, Luce JM, Schwartz J. Protecting Decisionally Impaired Subjects in Research: The Need for A Multifaceted Approach. *Am J Resp Crit Care Med*. 2004; 169:10-14.
49. Miller FG, **Silverman HJ**. The Ethical Relevance of the Standard of Care in the Design of Clinical Trials. *Am J Resp Crit Care Med*. 2004; 169:562-564.
50. **Silverman HJ**, Miller FG. Control Group Selection in Critical Care Randomized Controlled Trials Evaluating Interventional Strategies: An Ethical Assessment. *Crit Care Med*. 2004; 32:852-857.
51. **Silverman HJ**, Druml C, Lemaire F, Nelson R. The European Union Directive and the protection of incapacitated subjects in research: an ethical analysis. *Intensive Care Medicine*. 2004; 9:1723-1729.
52. Ross DD, Shpritz D, Alexander CS, Carter K, Edelman MJ, Friedley N, Hemani A, Keay TJ, Roy SC, **Silverman HJ**, Tasker DJ, Timmel D, Schwartz J, Wolfsthal SD. Development of Required Postgraduate Palliative Care Training for Internal Medicine Residents and Medical Oncology Fellows. *J Cancer Edu*. 2004; 19:81-87.
53. **Silverman HJ**. The Acute Respiratory Distress Syndrome Network controversy: lessons and legacy. *Current Opinion in Critical Care* 2004; 10:560-564.
54. **Silverman HJ**. Withdrawal of feeding-tubes from incompetent patients: the Terri Schiavo case raises new issues regarding who decides in end-of-life decision making. *Intensive Care Medicine*. 2005; 31:480-1.

55. **Silverman HJ**, Luce JM, Lanken PN, Morris AH, Harabin AL, Oldmixon CF, Thompson BT, Bernard GR, for the NHLBI Acute Respiratory Distress Syndrome Clinical Trials Network. Recommendations for informed consent forms for critical care clinical trials. *Crit Care Med.* 2005; 33:867-82.
56. **Silverman HJ.** Enhancing research ethics capacity: implications for protection of research subjects, avoiding exploitation and achieving global health. *Middle East Fertility Society Journal.* 2005; 10:105-109.
57. **Silverman HJ**, Lemaire F. Ethics and Critical Care Research. *Intensive Care Medicine.* 2006; 32: 1697-705
58. Silverman, HJ, et.al. HRETIE 2005 Candidates and Faculty. Enhancing Research Ethics Committees in Egypt. Guidelines for Standard Operating Procedures. *The Monitor.* 2006; 20:49.
59. **Khalil SS, Silverman HJ, Raafat M, El-Kamary S, El-Setouhy M.** Attitudes, understanding, and concerns regarding medical research amongst Egyptians: a qualitative pilot study. *BMC Med Ethics.* 2007 Aug 29;8:9.
60. Ramahi I, Silverman H. CLINICAL RESEARCH LAW IN JORDAN: AN ETHICAL ANALYSIS. *Dev World Bioeth.* 2007, Dec. 12.
61. **Abdur Rab M, Afzal M, Abou-Zeid A, Silverman H.** Ethical practices for health research in the Eastern Mediterranean region of the World Health Organization: a retrospective data analysis. *PLoS ONE.* 2008 May 7;3(5): e2094
62. Abou-Zeid A, Afzal M, Silverman H. **Capacity Mapping of the National Bioethics Committees in the Eastern Mediterranean Region.** *BMC Med Ethics.* 2009 Jul 4; 10:8
63. Kassem HS, Rab F, Abouzeid A, Silverman H. **Beyond research ethics committees: acceptance by investigators and involvement of the community.** *Middle East Fertility Society Journal.* 2009; 14:1.
64. Wazaify M, Khalil SS, Silverman HJ. **Expression of therapeutic misconception amongst Egyptians: A qualitative pilot study.** *BMC Med Ethics.* 2009 Jun 30; 10:7
65. Silverman H, Ahmed B, Ajeilat S, Al-Fadil S, Al-Amad S, El-Dessouky H, El-Gendy I, El-Guindi M, El-Nimeiri M, Muzaffar R, Saleh A. **Curriculum Guide for Research Ethics Workshops for Countries in the Middle East.** *Dev World Bioeth.* 2009 Aug18
66. Abou-Zeid A, Silverman HJ, Shehata M, et.al. Collection, Storage, and Use of Blood Samples for Future Research: Views of Egyptian Patients Expressed in a Cross-Sectional Survey. *J Med Ethics.* 2010 Sep;36(9):539-47. Epub 2010 Jul 26.
67. Sleem H, El-Kamary SS, Silverman HJ. Identifying structures, processes, resources and needs of research ethics committees in Egypt. *BMC Med Ethics.* 2010 Jun 28; 11:12.

68. Riyami AA, Jaju D, Jaju S, Silverman HJ. The Adequacy of Informed Consent Forms in Genetic Research Performed in Oman: A Pilot Study. **Dev World Bioeth.** 2011 Jan 25. doi: 10.1111/j.1471-8847.2010.00293.
69. Sleem H, Abdelhai RA, Al-Abdallat I, Al-Naif M, Gabr HM, Kehil ET, Sadiq BB, Yousri R, Elsayed D, Sulaiman S, Silverman H. Development of an accessible self-assessment tool for research ethics committees in developing countries. *J Empir Res Hum Res Ethics.* 2010 Sep;5(3):85-96.
70. Silverman HJ. Protecting Vulnerable Research Subjects in Critical Care Trials: Enhancing the Informed Consent Process and Recommendations for Safeguards. *Annals of Intensive Care* 2011, 1:8 doi:10.1186/2110-5820-1-8. Published: 13 April 2011
71. El-Dessouky HF, Abdel-Aziz AM, Ibrahim C, Malini M, Reham Abul Fadl R, Silverman H. Knowledge, Awareness, and Attitudes about Research Ethics among Dental Faculty in the Middle East: A Pilot Study. *International Journal of Dentistry*, 2011, Article ID 694759, 13 pages doi:10.1155/2011/694759.
72. Kandeel N, El-Nemer A, Ali NM, Kassem H, El-Setouhy M, Elgharieb ME, Darwish M, Awadalla NJ, Moni M, Silverman HJ. A multicenter study of the awareness and attitudes of Egyptian faculty towards research ethics: a pilot study. *J Empir Res Hum Res Ethics.* 2011 Dec;6(4):99-108. doi: 10.1525/jer.2011.6.4.99.
73. **Silverman HJ**, Dagenais J, Gordon-Lipkin E, Caputo L, Christian MW, Maidment BW 3rd, Binstock A, Oyalowo A, Moni M. Perceived comfort level of medical students and residents in handling clinical ethics issues. *J Med Ethics.* 2013 Jan;39(1):55-8. doi: 10.1136/medethics-2011-100300. Epub 2012 Oct 12.
74. **Silverman HJ**, Bellavance E, Childs BH. Ensuring quality in clinical ethics consultations: perspectives of ethicists regarding process and prior training of consultants. *Am J Bioeth.* 2013;13(2):29-31. doi: 10.1080/15265161.2012.750393.
75. Matar A, **Silverman H**. Perspectives of Egyptian research ethics committees regarding their effective functioning. *J Empir Res Hum Res Ethics.* 2013 Feb;8(1):32-44. doi: 10.1525/jer.2013.8.1.32.
76. Williams JR, Sprumont D, Hirtle M, Adebamowo C, Braunschweiger P, Bull S, Burri C, Czarkowski M, Fan CT, Franck C, Gefenas E, Geissbuhler A, Klingmann I, Kouyaté B, Kraehenbuhl JP, Kruger M, Moodley K, Ntoumi F, Nyirenda T, Pym A, **Silverman H**, Tenorio S. Consensus standards for introductory e-learning courses in human participants research ethics. *J Med Ethics.* 2013 Aug 19. doi: 10.1136/medethics-2013-101572. [
77. **Silverman HJ**, Strosberg M, Luna F, Philpott S, Hermerle C. An Analysis of Online Courses in Research Ethics in the Fogarty-Sponsored Bioethics Training Programs. *J Empir Res Hum Res Ethics.* 2013; 8(5):59-74
78. **Silverman H**, Edwards H, Shamoo A, Matar A. Enhancing research ethics capacity in the Middle East: experience and challenges of a Fogarty-sponsored training program. *J Empir Res Hum Res Ethics.* 2013 Dec;8(5):40-51

79. **Al-Amad S**, Manal A, **Silverman H**. Attitudes of Dental Patients Towards Research Participation Research. *Eastern Mediterranean Health Journal* 2014; 20(2):90-98.
80. **Silverman H, Sleem H, Moodley K, Kumar N, Naidoo S, Jaafar R, Moni M**. Results of a Self-Assessment Tool to Assess the Functioning of Research Ethics Committees in Developing Countries. *Journal of Medical Ethics*. 2014; Apr 19. doi: 10.1136/medethics-2013-101587. [Epub ahead of print]
81. **Matar A, Garner S, Millum J, Sina B, Silverman H**. Curricular Aspects of the Fogarty Bioethics International Training Programs. *Journal of Empirical Research on Human Research Ethics*. 2014; 9(2):12-23.
82. **Edwards H, Hifnawy T, Silverman H**. Enhancing Research Ethics Review Systems in Egypt: The Focus of an International Training Program Informed by An Ecological Developmental Approach to Enhancing Research Ethics Capacity. *Developing World Bioethics*. 2014. Jun 3. doi: 10.1111/dewb.12062. [Epub ahead of print]
83. **Silverman HJ**, Dreyfuss D. Were There Additional Foreseeable Risks” in the SUPPORT Study? Lessons Not Learned from the ARDSnet Clinical Trials. *Hastings Cent Rep*. 2015; 45(1):21-9.
84. **Silverman HJ**, Dreyfuss D. [What counts as equipoise?](#) *Hastings Cent Rep*. 2015 May-Jun;45(3):3-4.
85. Mansour H, Zaki N, Abdelhai R, Sabry N, **Silverman H**, El-Kamary S. Investigating the Informed Consent Process, Presence of the Therapeutic Misconception, and Motivations of Egyptians to Enroll in Research: A cross-sectional survey study. *East Mediterr Health J*. 2015 May 19;21(3):155-63.
86. Hifnawy T, Kobrosly S, Edwards H, Anwar M, Zahran D, **Silverman H**. [Patients' attitudes and perceptions regarding research and their rights: a pilot survey study from the Middle East](#). *East Mediterr Health J*. 2017 Aug 27;23(7):461-468.
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88. Oo ZZ, Oo YTN, Then MM, Oo KZ, Wun M, Htun KS, **Silverman H**. Current Status of Research Ethics Capacity in Myanmar. [Asian Bioethics Review](#) 2018, Volume 10, Issue 2, pp 123–132
89. Marwan Felaefel, Mohamed Salem, Rola Jaafar, Ghufuran Jassim, Hillary Edwards, Fiza Rashid-Doubell, Reham Yousri, Nahed M. Ali, **Henry Silverman**. A Cross-Sectional Survey Study to Assess Prevalence and Attitudes Regarding Research Misconduct among Investigators in the Middle East. *Journal of Academic Ethics*. 2018 Mar;16(1):71-87. DOI 10.1007/s10805-017-9295-9.
90. Oo, Z.Z., Wun, M., Oo, Y.T.N. **Silverman, H**. Assessing Research Ethics Committees in Myanmar: Results of a Self-Assessment Tool. [Asian Bioethics Review](#) 12, 37–49 (2020). <https://doi.org/10.1007/s41649-020-00113-7>.
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