

# **JULIO FRENK, M.D., M.P.H., PH.D.**

## **CURRICULUM VITAE**

### **I. PERSONAL DATA**

PLACE OF BIRTH: Mexico City

DATE OF BIRTH: December 20, 1953

NATIONALITY: Mexican and Spanish

MARITAL STATUS: Married, four children

### **II. EDUCATION**

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|---------------------|---|
| M.D., 1979          | Faculty of Medicine, National Autonomous University of Mexico, Mexico City.<br>Educational Commission for Foreign Medical Graduates (USA) examination passed, 1978. |
| M.P.H., 1981        | Department of Medical Care Organization, School of Public Health, The University of Michigan, Ann Arbor.  |
| M.A., 1982          | Sociology<br>Department of Sociology, The University of Michigan, Ann Arbor.  |
| Joint Ph.D., 1983   | Medical Care Organization and Sociology<br>Departments of Medical Care Organization and of Sociology, The University of Michigan, Ann Arbor.                        |
| Certification, 1975 | Drug Training Program, The National Drug Abuse Training Center, University of Miami, Coral Gables, Florida.   |

Certification, 2015

Harvard Seminar for New Presidents, Graduate School of Education, Harvard University, Cambridge, Massachusetts.

### **III. WORK EXPERIENCE**

#### **A. ACADEMIC AND EXECUTIVE POSTS**

1. President, University of Miami, Miami, Florida. August 16, 2015-Present.
2. Professor of Public Health Sciences, Leonard M. Miller School of Medicine, University of Miami, Miami, Florida. August 16, 2015-Present.
3. Secondary Appointment as Professor, Department of Health Sector Management and Policy, Miami Business School, University of Miami, Miami, Florida. June 17, 2016-Present.
4. Secondary Appointment as Professor of Sociology, Department of Sociology, College of Arts and Sciences, University of Miami, Miami, Florida. June 12, 2018-Present.
5. Dean, Harvard T.H. Chan School of Public Health, Boston, Massachusetts. January 1, 2009-August 15, 2015.
6. T & G Angelopoulos Professor of Public Health and International Development, Harvard T.H. Chan School of Public Health and Harvard John F. Kennedy School of Government, Cambridge and Boston, Massachusetts. January 1, 2009- August 15, 2015.
7. Honorary Professor-Researcher in Medical Sciences “F” (highest level), National Institute of Public Health, Cuernavaca, Mexico. June 16, 2011-Present
8. Executive President, CARSO Health Institute, Mexico City. May 1, 2007-December 31, 2008.
9. Visiting Professor of International Health, Department of Population and International Health, Harvard School of Public Health, Boston, Massachusetts, U.S.A. April 1, 2007-March 31, 2008.
10. Senior Fellow, Bill and Melinda Gates Foundation, Seattle, Washington, U.S.A. February 1, 2007-December 31, 2008. (Half-time appointment).
11. Minister of Health of Mexico. December 1, 2000-November 30, 2006.
12. Executive Director, Evidence and Information for Policy Cluster, World Health Organization, Geneva, Switzerland. July 1998-November 2000.

13. Executive Vice President and Director of the Center for Health and the Economy, Mexican Health Foundation. February 1995-July 1998.
14. Adjunct Professor, Health Economics Course, Department of Economics, Iberoamerican University. August-December 1996.
15. Part-time advisor. Technical Department for Latin America and the Caribbean. The World Bank. July 1995-June 1996.
16. Director of the Project on “Health and the Economy,” Mexican Health Foundation. August 1993-January 1995.
17. Visiting Professor, Center for Population and Development Studies, School of Public Health, Harvard University. November 1992-October 1993.
18. Adjunct Professor, Doctoral Program, National Institute of Public Health, Mexico. October 1996-December 2000.
19. Senior Researcher “C”, National Institute of Public Health, Mexico. April 1990-September 1996.
20. Senior Researcher “B”, National Institute of Public Health, Mexico. January 1987-April 1990.
21. Adjunct Professor, Faculty of Medicine, National Autonomous University of Mexico. March 1988-February 2007.
22. Nonresident Lecturer, Department of Population Planning and International Health, School of Public Health, The University of Michigan. May 1986-June 1995.
23. Founding Director General, National Institute of Public Health, Cuernavaca, Mexico. January 1987-October 1992.
24. Founding Director, Center for Public Health Research, Ministry of Health, Mexico City, Mexico. August 1984-October 1987.
25. Visiting Professor, Department of Health Administration, School of Public Health of Mexico, Ministry of Health, Mexico City. July-August 1983.
26. Assistant Professor, Department of Medical Care Organization, School of Public Health, The University of Michigan. October 1983-August 1984.
27. Lecturer, Department of Medical Care Organization, School of Public Health, The University of Michigan. September 1982-October 1983.

28. Head of the Department of Planning and Evaluation, General Directorate of School of Hygiene, Ministry of Education, Mexico. June 1978-August 1979.
29. Advisor to the President, in charge of the National Survey of Medical Interns, Autonomous Metropolitan University-Xochimilco, Mexico. January 1978-August 1979.
30. Researcher in conceptual models of health and medical care, Health and Social Security Module, National Information System, Ministry of Programming and Budgeting, Mexico. August 1977-May 1978.
31. Researcher in development of prevention strategies, Mexican Center for Studies on Drug Abuse. December 1974-February 1977.

## B. EDITORIAL AND JOURNALISTIC WORK

1. Member of the Editorial Board of *Mundo Médico*, a magazine for physicians published in Mexico City. May 1975-January 1977.
2. Founding Member of the Editorial Board of *Nexos: Sociedad, Ciencia, Literatura*, a general cultural magazine published in Mexico City. January 1978-Present.
3. Columnist on health issues for *Unomásuno*, a daily newspaper published in Mexico City. August 1978-June 1979.
4. Coordinator of the Health Library, a joint program between the Ministry of Health and the Fondo de Cultura Económica, the leading Mexican publishing company. August 1985-January 1989.
5. Director of *Salud Pública de México*, the official journal of the National Institute of Public Health. January 1987-October 1992.
6. Coordinator of the Health and Human Biology Hall, Science Museum, National University of Mexico. October 1989-October 1992.
7. Regional Editor for Latin America, *Health Policy*. January 1993-July 1998.
8. Chair of the WHO Editorial Committee for the *Bulletin of the World Health Organization: The International Journal of Public Health*. January 1999-November 2000.
9. Member of the Editorial Boards of:
  - a. AUPHA Press (since 1986)
  - b. Revista de la Facultad de Medicina (since 1986)
  - c. Journal of Health Services Management Research (since 1987)
  - d. Educación Médica y Salud (1988-1997)

- e. Studies in Family Planning (1988-1992)
- f. Health Policy (since 1990)
- g. Health Policy and Planning (since 1991)
- h. Health Transition Review (since 1991)
- i. Current Issues in Public Health (since 1993)
- j. Health and Human Rights (since 1993)
- k. Salud Pública de México (since 1994)
- l. Education, Health and Development in the Pacific Rim (since 1997)
- m. Archives of Medical Research (2001-2006)

## IV. PUBLICATIONS

### A. BOOKS

1. Frenk J. ¿Cómo identificar las drogas y sus usuarios? (How to identify drugs and their users?). Mexico City: Secretaría de Educación Pública, 1976, 64 pp. (250,000 volumes distributed).

2. Frenk J. Triptofanito: un viaje por el cuerpo humano (Little Tryptophan: a journey through the human body). Mexico City: Editorial Joaquín Mortiz, 1978 (first printing), 1980 (second printing), 1982 (third printing), 1986 (fourth printing), 1987 (fifth printing), 1990 (sixth printing), 1995 (12<sup>th</sup> printing), 2017 (54<sup>th</sup> printing), 117 pp.

3. Frenk J. Social origin, professional socialization and labor market dynamics: the determinants of career preferences among medical interns in Mexico. Mexico City: Serie Perspectivas en Salud Publica, Instituto Nacional de Salud Publica, 1988, 239 pp.

4. Frenk J, ed. Salud: de la investigación a la acción (Health: from research to action). Mexico City: Biblioteca de la Salud, Fondo de Cultura Económica, 1990.

5. Frenk J, Gómez-Dantés O, Cruz C, et al. for the Working Group on the North American Free Trade Agreement and Medicine. The North American Free Trade Agreement and medical services: elements for analysis and negotiation. (In Spanish and English). Mexico City: Academia Nacional de Medicina, 1992 (1<sup>st</sup> ed.), 1994 (2<sup>nd</sup> ed.).

6. Lozano R, Infante C, Schlaepfer L, Frenk J. Desigualdad, pobreza y salud en México (Inequality, poverty, and health in Mexico). Mexico City: El Nacional for Consejo Consultivo del Programa Nacional de Solidaridad, 1993.

7. Frenk J, et al. Médicos, educación y empleo (Doctors, education, and employment). Guadalajara, Mexico: Universidad de Guadalajara, 1994.

8. Frenk J, Lozano R, González-Block MA, et al. Economía y salud: propuestas para el avance del sistema de salud en México. Informe Final. Mexico City: Fundación Mexicana para la Salud, 1994 (1<sup>st</sup> printing), 1997 (2<sup>nd</sup> printing).

9. Frenk J. Health and the economy: proposals for progress in the Mexican health system. Overview. Mexico City: Fundación Mexicana para la Salud, 1994 (1st printing), 1996 (2nd printing).
10. Frenk J. La salud de la población: hacia una nueva salud pública (The health of the population: towards a new public health). Mexico City: Fondo de Cultura Económica, 1994 (1<sup>st</sup> ed.), 2003 (2<sup>nd</sup> ed.), 2016 (3<sup>rd</sup> ed.).
11. Freeman P, Gómez-Dantés O, Frenk J, eds. Health systems in an era of globalization: challenges and opportunities for North America (In Spanish and English). Mexico City: Academia Nacional de Medicina and Institute of Medicine, 1995.
12. Frenk Mora J, Liguori AL, Sepúlveda Amor J, eds. Salud y derechos humanos (Health and human rights). Series “Perspectivas en Salud Pública”, No. 22. Mexico City: Instituto Nacional de Salud Pública, 1995.
13. Frenk J, ed. Observatorio de la salud: necesidades, servicios, políticas (Health observatory: needs, services, policies). Mexico City: Fundación Mexicana para la Salud, 1997.
14. Bezold C, Frenk J, McCarthy S, eds. 21st century health care in Latin America: the prospects for achieving health for all. Mexico City: Institute for Alternative Futures and Fundación Mexicana para la Salud, 1997.
15. García Barrios A, Frenk J. Triptofanito en la celula (Little Tryptophan in the cell). Mexico City: Editorial Joaquín Mortiz, 1998 (first printing), yearly reprints to date.
16. Frenk J, Gómez-Dantés O. Para entender el sistema de salud de México (Understanding the health system in Mexico). Mexico City: Nostra Ediciones, 2008 (1<sup>st</sup> edition), 2015 (2<sup>nd</sup> edition).
17. Ortiz M, Frenk J. Camino y destino: una visión personal de las políticas públicas de salud (The road and the destination: a personal vision of public policy for health). Mexico: Cuadernos de Quirón, 2009.
18. Jiménez-Sánchez G, Frenk J, Soberón G. La primera década de la medicina genómica en México (1999-2009): hacia un nuevo paradigma en el cuidado de la salud (The first decade of genomic medicine in Mexico, 1999-2009: towards a new paradigm in health care). Mexico: El Colegio Nacional, 2010.
19. Jiménez Sánchez G, de los Ángeles Pozas M, Leonel González E, March S, Martín Zamalvide J, Frenk J, Soberón G. Genómica y bioeconomía: ventana de oportunidad para el crecimiento económico de México. (Genomics and bioeconomy: a window of opportunity for the economic growth of Mexico). Mexico: El Colegio de México, El Colegio Nacional, 2012 (1<sup>st</sup> ed.).

20. García Barrios A, Frenk J. Triptofanito: la sexualidad y reproducción humanas. ¡Un viaje más! (Little Tryptophan: human sexuality and reproduction. One more journey!) Mexico City: Editorial Joaquín Mortiz, 2014.
21. García Barrios A, Frenk J. Triptofanito y la batalla contra la influenza (Little Tryptophan and the battle against influenza). Mexico City: Editorial Joaquín Mortiz, 2014.
22. Frenk J, Hoffman S, eds. To save humanity: what matters most for a healthy future. New York: Oxford University Press, 2015.
23. Frenk J, Fresco L, Hong PK, Kuri P. Global health challenges: A report to the Trilateral Commission. Washington, DC: The Trilateral Commission, 2015.
24. Frenk J. Salud y educación superior: tiempo de transiciones, discurso de ingreso (Health and higher education: transition time, inaugural address. Mexico: El Colegio Nacional, 2017.
25. Frenk J. Proteger a México: un enfoque integral para que el gobierno no nos falle (Protecting Mexico: a comprehensive focus so that government does not fail us). Mexico: El Colegio Nacional, 2019.

## B. MONOGRAPHS

1. Frenk J. Marco de referencia para la información sobre salud y seguridad social (Reference framework for information on health and social security). Mexico City: National Information System, 1978, 41 pp.
2. Frenk J, Hernández-Llamas H, Alvarez-Klein L. El mercado de trabajo médico (The medical labor market). Research Reports Series, No. 1. Mexico City: Universidad Autónoma Metropolitana, 1980, 75 pp.
3. Frenk J. Research report: career preferences and perceptions of the medical labor market among Mexican interns. Ann Arbor: 1981, 161 pp.
4. Velázquez-Arellano A, Frenk J, Jiménez-Guzmán J, Díaz-Mejía G, Campos-Hernández MA, eds. Prospectiva de la atención a la salud a partir de los efectos de los sismos de septiembre de 1985 (Prospects for health care after the September 1985 earthquakes). Serie Cuadernos PUIG, No. 2. Mexico City: Universidad Nacional Autónoma de México, 1985, 106 pp.
5. Lucas AO, Michaud C, Malina D, Barreto J, Frenk J, López-Cervantes M, Sitthi-amorn C, eds. Essential national health research: a strategy for action in health and human development. Geneva: Task Force on Health Research for Development, 1991.

6. Frenk J. Bases doctrinarias de la reforma en salud. Series “Economía y Salud: Documentos para el Análisis y la Convergencia”, No. 2. Mexico City: Fundación Mexicana para la Salud, 1994.
7. Lozano R, Murray CJL, Frenk J, Bobadilla JL, Fernández S. El peso de la enfermedad en México: un doble reto. Series “Economía y Salud: Documentos para el Análisis y la Convergencia”, No. 3. Mexico City: Fundación Mexicana para la Salud, 1994.
8. González Block MA, Zurita B, Frenk J, Franco F, Arredondo A, Queisser M, Ramírez R. Demanda y oferta de servicios: obstáculos a la mejoría del sistema de salud en México. Series “Economía y Salud: Documentos para el Análisis y la Convergencia”, No. 6. Mexico City: Fundación Mexicana para la Salud, 1994.
9. Frenk J, Ruelas E, Bobadilla JL, Zurita B, Lozano R, Cruz C, Alvarez F, Gonzalez-Block MA. Calidad y eficiencia en las organizaciones de atención a la salud. Series “Economía y Salud: Documentos para el Análisis y la Convergencia”, No. 8. Mexico City: Fundación Mexicana para la Salud, 1994.
10. Cruz C, Alvarez F, Frenk J, Knaul F, Valdés C, Ramírez R. Las cuentas nacionales de salud y el financiamiento de los servicios. Series “Economía y Salud: Documentos para el Análisis y la Convergencia”, No. 7. Mexico City: Fundación Mexicana para la Salud, 1994.
11. Bobadilla JL, Frenk J, Cowley P, Zurita B, Querol J, Villarreal E, Lozano R. El paquete universal de servicios esenciales de salud. Series “Economía y Salud: Documentos para el Análisis y la Convergencia”, No. 11. Mexico City: Fundación Mexicana para la Salud, 1994.
12. Frenk J. Hacia la reforma del sistema de salud: una propuesta estratégica. Series “Economía y Salud: Documentos para el Análisis y la Convergencia”, No. 12. Mexico City: Fundación Mexicana para la Salud, 1994.
13. Frenk Mora J. Economía y salud (The economy and health). Series Seminarios Institucionales, No. 8. Mexico City: Facultad de Medicina, Universidad Nacional Autónoma de México, 1994.
14. Murray CJL, Frenk J. A WHO framework for health system performance assessment. GPE Discussion Paper No. 6. Geneva: World Health Organization, 1999.
15. Murray CJL, Frenk J. Trends and challenges in world health. Geneva: World Health Organization, 1999. Reproduced in Spanish, French, Arabic, Russian, Chinese.
16. Frenk J, et al. Fair financing and universal social protection: the structural reform of the Mexican health system. Working Paper. Mexico City: Ministry of Health, 2004.



17. Sands P, Tomori O, Aguilera X, Agyepong I, Chesson-Wureh Y, Farmer P, Freire M, Frenk J, Gostin L, Leung G, Omaswa F, Parker M, Rao S, Ryan D, Vega J, Wibulpolprasert S, Yamada T. The neglected dimension of global security: A framework to counter infectious disease crises. Commission on a Global Health Risk Framework (GHRF) for the Future, <https://nam.edu/wp-content/uploads/2016/01/Neglected-Dimension-of-Global-Security.pdf> (doi: 10.17226/21891), 2016.

## C. CHAPTERS IN BOOKS

1. Frenk J, Hernández-Llamas H, Alvarez-Klein L. El mercado de trabajo médico (The medical labor market). In: Ortiz-Quesada F, ed. Vida y muerte del mexicano (Life and death of the Mexican people). Mexico City: Folios Ediciones, 1982, 215 pp.

2. Frenk J. Prologue. In: Donabedian A. La calidad de la atención médica: definición y métodos de evaluación (The quality of medical care: definition and evaluation methods). Mexico City: La Prensa Médica Mexicana, 1984: xi.

3. Frenk J, ed. Informe del grupo de trabajo sobre investigación de personal de salud (Report of the Working Group on Health Personnel Research). In: Investigación de personal de salud. Serie Desarrollo de Recursos Humanos (Research on health personnel. Development of Human Resources Series), No. 66. Washington, DC: Organización Panamericana de la Salud, 1985: 49.

4. Frenk Mora J, González-Block MA, Ruelas E. La investigación en sistemas de salud y la descentralización: el caso de la atención primaria (Health systems research and decentralization: the case of primary health care). In: La descentralización de los servicios de salud: el caso de México (The decentralization of health services: the case of Mexico). Mexico City: Miguel Angel Porrúa, 1986: 129.

5. González-Block MA, Frenk J. El horizonte de la salud (The health horizon). In: México mañana (Mexico tomorrow). Mexico City: Ediciones Océano, 1986: 85.

6. Martuscelli J, Frenk J, Ruelas E, González-Block MA. La formación de recursos humanos para la salud en el contexto de la reordenación y reconstrucción de los servicios de salud en el Valle de México (The training of human resources for health in the context of the reorganization and reconstruction of health services in the Valley of Mexico). In: Valdés-Olmedo C, coord. El sistema nacional de salud y la reconstrucción y reordenamiento de los servicios (The national health system and the reconstruction and reorganization of the services). Mexico City: Miguel Angel Porrúa, 1986: 87.

7. Frenk Mora J. Instituto Nacional de Salud Pública (National Institute of Public Health). In: Soberón G, Kumate J, Laguna J, eds. La salud de México: testimonios 1988 (Health in Mexico: testimonies 1988), tome III, vol. 3. Desarrollo institucional: Institutos Nacionales de Salud (Institutional development: National Health Institutes). Mexico City: Fondo de Cultura Económica, 1988: 232.

8. Frenk J, Hernández-Llamas H, Alvarez-Klein L. El mercado de trabajo médico (The medical labor market). In: Galán-Gival MI, Marín-Méndez DE, coords. Investigación para evaluar el currículo universitario. Serie antologías para la actualización de los profesores de enseñanza superior (Research for the evaluation of university programs. Series: Anthologies for updating professors in higher education). Mexico City: Universidad Nacional Autónoma de México and Editorial Porrúa, 1988: 143.

9. Frenk Mora J. Patrones de empleo médico en las áreas urbanas de México (Medical employment patterns in urban areas of Mexico). In: Laguna J, Ruiz-Tapia RA, eds. Evaluación de la educación médica. Memorias de XI Conferencia Panamericana de Educación Médica (Proceedings of the XI Panamerican Conference of Medical Education). Mexico City: Federación Panamericana de Asociaciones de Facultades (Escuelas) de Medicina, 1988: 159.

10. Ruelas E, Frenk J. Quality circles: an innovative experience of quality assurance. In: World Symposium for Quality in Health Care. Report on the Proceedings of an International Invitational Symposium on Quality Assurance. Chicago: Joint Commission on Accreditation of Healthcare Organizations, 1988: 22.

11. Frenk Mora J, González-Block MA. Impacto de la desconcentralización sobre la salud: avances de investigación (The impact on health of decentralization: advances in research). In: Ruiz de Chávez M, Lara-Ponte R, eds. Descentralización de los servicios de salud: avances y perspectivas del proceso (Advances and perspectives in the process of decentralization of health services). Mexico City: Secretaría de Salud, Gobierno del Estado de Guerrero, Organización Panamericana de la Salud, 1988: 131.

12. Rosenthal J, Frenk J. Estudios longitudinales y bancos de datos (Longitudinal studies and data bases). In: Alarcón-Segovia D, De la Fuente JR, Velázquez-Arellano A, eds. Fundamentos de la investigación clínica (Clinical research foundations). Mexico City: Siglo XXI Eds., 1988: 159-74.

13. Durán L, Frenk J, Becerra J. La calidad de la conducta prescriptiva en atención primaria (The quality of prescriptive behavior in primary health care). In: Memorias de la I Conferencia Latinoamericana sobre Políticas Farmacéuticas y Medicamentos Esenciales (Proceedings of the I Latin American Conference on Pharmaceutical Policies and Essential Drugs). Mexico City: Organización Mundial de la Salud, Organización Panamericana de la Salud, Programa de Acción de Medicamentos Esenciales y Vacunas, Secretaría de Salud de México, Instituto Nacional de Salud Pública, 1988: 257.

14. Frenk Mora J. Morbimortalidad, sistema de salud y estado (Morbimortality, health system, and the state). In: Bronfman M, Gómez de León J, eds. La mortalidad en México: niveles, tendencias y determinantes (Mortality in Mexico: levels, trends, and determinants). Mexico City: El Colegio de México, 1988: 455-64.

15. Frenk J, Bobadilla JL, Infante C, Shlaepfer L, Nájera P, Straffon B. Cobertura y calidad de la atención primaria a la salud (Coverage and quality of primary health care). In: Programa de mejoramiento de servicios de salud México-BID (Mexico-IDB Program for Improving Health Services). Mexico City: Ministry of Health, 1988.

16. Frenk J. Medical modernization in Mexico: paradigms, labor markets, and the state. In: Duplessis P, ed. Public health and industrialized countries. Quebec City: Les Publications du Québec, 1989: 313-37. Reproduced in French as Modernisation médicale au Maxique: paradigmes, État et marchés du travail in Santé publique et pays industrialisés. Québec City: Les Publications du Québec, 1989: 343-68.

17. Langer A, Frenk J, Bobadilla JL. Public health research in Mexico: defining priorities. In: Bui-Dang HD, ed. Paving the way for cooperation among research centers. Proceedings of the First FICOSSER Conference. Lisbon: Escola Nacional de Saude Publica, 1989: 61-82.

18. Frenk J, Frejka T, Bobadilla JL, Stern C, Sepúlveda J, José M. The epidemiologic transition in Latin America. In: Proceedings of the 1989 International Population Conference. Liege, Belgium: International Union for the Scientific Study of Population, 1989, vol. I: 419.

19. Frenk J. De la pertinencia a la excelencia: dilemas de la investigación en el sector público (From relevance to excellence: dilemmas of research in the public sector). In: Frenk J, ed. Salud: de la investigación a la acción (Health: from research to action). Mexico City: Fondo de Cultura Económica, 1990: 43-58.

20. Frenk J. The political economy of medical underemployment in Mexico: corporatism, economic crisis and reform. In: Rosenthal M, Butter I, Field MG, eds. The political dynamics of physician manpower policy. Amsterdam: Elsevier Science Publishers, 1990: 69-88.

21. Frenk J, Ruelas E, Bobadilla JL, Llopis M. La investigación en sistemas de salud (Health systems research). In: De la Fuente JR, Martuscelli J, Alarcón D, eds. La investigación en salud: balance y transición (Health research: balance and transition). Mexico City: Fondo de Cultura Económica, 1990: 191-201.

22. Bobadilla JL, Frenk J, López-Cervantes M, Martínez-Palomo A, Sepúlveda J, Vandale S. ENHR in selected countries: Mexico. In: Lucas AO, Michaud C, Malina D, Barreto J, Frenk J, López-Cervantes M, Sitthi-amorn C, eds. Essential national health research: a strategy for action in health and human development. Geneva: Task Force on Health Research for Development, 1991: 57-60.

23. Frenk J. La nueva salud pública. In: La crisis de la salud pública: reflexiones para el debate. Scientific Publication No. 540. Washington, DC: Panamerican Health Organization, 1992: 75-93. Also published in English as "The new public health" in "The crisis of public health: reflections for the debate."

24. Frenk J. The public/private mix and human resources for health. In: A call for new public health action. Report of the Saitama Public Health Summit. Geneva: World Health Organization, 1992: 128-41.

25. Frenk J, Chacón F. Conceptual bases for education and research in international health. In: Ferreira JR, Godue C, Rodríguez MI, eds. International health: a north-south debate. Human Resources Development Series 1992; **95**: 205-21. Washington, DC: Panamerican Health Organization.

26. Frenk J, Rodríguez de Romo AC, Urrusti J. Algunas contribuciones mexicanas a la salud pública (Some Mexican contributions to public health). In: Somolinos J, Aréchiga H, eds. Contribuciones mexicanas al conocimiento médico (Mexican contributions to medical knowledge). Mexico City: Academia Nacional de Medicina, 1992.

27. Frenk J. Guillermo Soberón: reformador del sistema de salud (Guillermo Soberón: reformer of the health system). In: Sarukhán J, Mora J, Martuscelli J, ed. Guillermo Soberón dentro y fuera de la universidad: impresiones sobre su obra (Guillermo Soberón inside and outside the university: impressions on his legacy). Mexico City: Universidad Nacional Autónoma de México, 1992: 207-19.

28. Bobadilla JL, Frenk J, Lozano R, Frejka T, Stern C. The epidemiologic transition and health priorities. In: Jamison DT, Mosley WH, Measham AR, Bobadilla JL, eds. Disease control priorities in developing countries. New York: Oxford University Press for the World Bank, 1993: 51-63.

29. Cruz C, Frenk J, Martuscelli J, Faba G. The development and assessment of health care technology in Mexico. In: Banta HD, Luce BR, eds. Health care technology and its assessment: an international perspective. New York: Oxford University Press, 1993: 237-47.

30. Frenk J, Durán-Arenas L. The medical profession and the state. In: Hafferty FW, McKinlay JB, eds. The changing medical profession: an international perspective. New York: Oxford University Press, 1993: 25-42.

31. Frenk J. Public health education. In: Warren KS, Mosteller F, eds. Doing more good than harm: the evaluation of health care interventions. New York: Annals of the New York Academy of Sciences 1993; **703**: 250-54.

32. Frenk J. Comentario. In: El ejercicio profesional del médico ante la apertura comercial. Canadá, Estados Unidos de América, México. Mexico City: Secretaría de Salud, 1993: 102-04.

33. Frenk J. Salud. In: La agenda nacional y la reforma social. Mexico City: Consejo Consultivo del Programa Nacional de Solidaridad, 1994: 84-85.

34. Frenk Mora J, Cruz Rivero C. Economía de la salud. In: Treviño García-Manzo N, Cervantes Pérez P, Valle González A, eds. Opciones de reforma de la seguridad social. Mexico City: Comisión Americana Médico Social, Conferencia Interamericana de Seguridad Social, 1994: 63-68.
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## E. ARTICLES IN CULTURAL MAGAZINES AND DAILY NEWSPAPERS

(Note: with the exception of the noted items, the following articles have been authored singly by Julio Frenk).

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5. La ciencia y el hombre. Parte II. (Science and man. Part II). *Excelsior* 1975: 4-5.
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## V. MEMBERSHIP IN ASSOCIATIONS

1. American Public Health Association (since 1981, Vice President for Latin America, 2002-2005)
2. American Sociological Association (since 1981)
3. Asociación Mexicana de Epidemiólogos (since 1984)
4. Sociedad Mexicana de Salud Pública (since 1986)
5. U.S.-Mexico Border Health Association (since 1987)
6. International Society for Technology Assessment in Health Care (since 1987)
7. International Union for the Scientific Study of Population (since 1988)
8. Academia Nacional de Medicina (since 1989)
9. Asociación Mexicana de Hospitales (since 1989)
10. Sociedad Mexicana de Calidad de la Atención a la Salud (since 1992, President, 1994-1996)
11. U.S. National Academy of Medicine (since 1993)
12. International Society for Quality in Health Care (since 1995)

13. Sociedad Mexicana de Medicina Genómica (since 2003, founding member)
14. American Academy of Arts and Sciences (since 2011)
15. El Colegio Nacional, Mexico City, Mexico (since 2017)
16. Council on Competitiveness, Washington, DC, USA (since 2018)

## **VI. MEMBERSHIP IN BOARDS, SPECIAL COMMISSIONS AND PEER-REVIEW BODIES**

1. Special Advisory Group to the Minister of Health on the Reconstruction of Health Services in Mexico City. September 1985-September 1986.
2. WHO Expert Advisory Panel on Health Manpower. 1987-1997.
3. WHO Expert Committee on Health Manpower Management Systems. November 1987.
4. WHO Expert Committee on Systems of Continuing Education. October 1989.
5. Technical Advisory Committee, Fundación Mexicana para la Salud (Mexican Health Foundation). January 1989-January 1995.
6. PAHO Subcommittee on Health Systems and Services Research. February 1989-July 1998.
7. Health Sciences Committee, Consejo Nacional de Ciencia y Tecnología (National Council for Science and Technology). July 1991-December 1992.
8. Task Force on the Free Trade Agreement and Medicine, Academia Nacional de Medicina (National Academy of Medicine). September 1991-January 1993.
9. Advisory Commission for Human Resource Development, Consejo Nacional de Ciencia y Tecnología (National Council for Science and Technology). October 1991-December 1994.
10. Review Commission, Institute of Biotechnology, National Autonomous University of Mexico. 1991-October 1992.
11. Comisión Mexicana de Investigación en Salud (Mexican Commission on Health Research). February 1992-June 1998.
12. Committee on Medical Education, Academia Nacional de Medicina (National Academy of Medicine). April 1992-March 1994.

13. Governing Board, Sociedad Mexicana de Calidad de la Atención a la Salud (Mexican Society for Quality of Health Care). Vice-president, May 1992-June 1994; President, July 1994-June 1996.
14. Board on International Health, Institute of Medicine. June 1992-July 1998.
15. Board of the Pan American Health and Education Foundation. June 1992-May 1995.
16. Consultation on Health Manpower Development (Co-chair), World Development Report 1993, The World Bank. November 1992.
17. Steering Committee (Chair), Joint Project on the Health Implications of the North American Free Trade Agreement, Academia Nacional de Medicina (National Academy of Medicine of Mexico) and Institute of Medicine. January 1993-December 1994.
18. Technical Advisory Council, United States-Mexico Foundation for Science. April 1993-December 1993.
19. WHO Task Force on Health in Development. November 1993-January 1997.
20. Steering Committee of the WHO Ad Hoc Review of Health Research and Development Priorities (Chairman of the Working Group on Health Systems Research). January 1994-June 1996.
21. Steering Committee on America's Health in Transition: The Institute of Medicine Special Initiative on Protecting and Improving the Quality of Health and Health Care. April 1994-December 1997.
22. Advisory Board, Applied Diarrheal Disease Research Project, Harvard Institute for International Development. September 1994-August 1995.
23. Board of Directors, International Clinical Epidemiology Network. January 1995-December 1997.
24. Advisory Scientific Council, UNIVERSUM, Science Museum of the National Autonomous University of Mexico. February 1995-June 1998.
25. Advisory Council, International Society for Quality in Health Care. April 1995-December 1997.
26. Advisory Medical-Academic Council, Columbia Sistemas Aplicados en Salud. October 1995-July 1998.

27. Advisory Committee on Health Research, Pan American Health Organization. October 1995-July 1998.
28. Steering Committee, Global Forum on Health Research and Development. June 1997-July 1998.
29. Visiting Committee, Harvard School of Public Health. September 1998-September 2006.
30. Panel to review the Harvard Center for Population and Development Studies. July 2003.
31. Council on Ethics and Transparency in the Pharmaceutical Industry, Mexico. December 2006-December 2008.
32. International Advisory Committee, Li Ka Shing Knowledge Institute, St. Michael's Hospital, University of Toronto. March 2007-December 2008.
33. Reference Group on Research Strategy, World Health Organization. April 2007-April 2008.
34. Global Advisory Board, Ovations Partnership on Chronic Disease. May 2007-May 2008.
35. Board Chair, Institute for Health Metrics & Evaluation, University of Washington. July 2007-Present.
36. International Advisory Committee, Carso Health Institute. 2007-Present.
37. Board, Global Health Council. 2009-2012.
38. Advisory Committee to the Director, National Institutes of Health. 2010-2014.
39. Advisory Board, Global Health Group, University of California, San Francisco. 2009-2012.
40. Global Health Committee, Association of Schools and Programs of Public Health. January 2009-August 2015.
41. Board, EngenderHealth. June 2009-June 2012.
42. Board, Fundación México Estados Unidos para la Ciencia. April 2009-2012.
43. Board Chair, Partnership for Maternal, Newborn and Child Health. June 2010-December 2012.

44. Board of Directors, The Commonwealth Fund in New York. April 2011-July 2015.
45. Advisory Board to the High-Level Secretariat, Earth Institute-ALAS Initiative on Early Childhood Development. July 2009.
46. China Center for Health Development Studies, Peking University. April 2010-December 2011.
47. MDG Advocacy Group, United Nations. March 2010-September 2015.
48. Global Health Systems Cooperation Council, World Economic Forum. July 2009-Present.
49. International Advisory Board, King Abdulaziz University. January-October 2011.
50. Policy Committee of the David Rockefeller Center for Latin American Studies, Harvard University. October 2010-August 2015.
51. Patrono de Honor (Member of Honorary Advisory Committee), Fundación Campus de Excelencia (Foundation Campus of Excellence), Spain. July 2011-Present.
52. Consejo de Administración (Board of Directors), Médica Sur, Mexico. May 2011-April 2014.
53. Co-chair with Dr. Lincoln Chen. Lancet Commission on Education of Health Professionals for the 21st Century. January-November 2010.
54. *The Lancet*–University of Oslo Commission on Global Governance for Health, in collaboration with the Harvard Global Health Institute. November 2011-February 2014.
55. Lancet Commission on Investment in Health, 20th anniversary of the 1993 World Development Report. December 2012-December 2013.
56. Lancet Commission on Women and Health. November 2012-June 2015.
57. Health Systems & Reform Editorial Board. 2015-2017.
58. Board of Directors, Results for Development. November 2012-Present.
59. Chair, Advisory Board of the Harvard Ministerial Leadership Program, 2012-Present.
60. Advisory Board Member, EAT Foundation. October 2013-April 2020.

61. Board, Robert Wood Johnson Foundation. January 2015-Present.
62. Honorary Director, The Commonwealth Fund of New York. November 2015-Present.
63. Board of Directors, United Nations Foundation. January 2016-Present.
64. Comité Asesor Externo (External Advisory Committee), Instituto Nacional de Salud Pública, México. June 2018-Present.
65. Advisory Council, Laspau. March 2019-Present.
66. Planning Committee Member, NAM 50<sup>th</sup> Anniversary Regional Scientific Symposium, Institute of Medicine/National Academy of Medicine. July 2019-Present.

## **VII. DISTINCTIONS**

1. Fellow, Michigan Society of Fellows, The University of Michigan, USA. September 1982-August 1984.
2. International Fellow in Health, The W.K. Kellogg Foundation. April 1986-June 1989.
3. National Researcher, Mexican Research System, Mexico City. July 1984-June 1998.
4. Cecilio A. Robelo Award for Scientific Research, State of Morelos, Mexico. April 1993.
5. Keynote Address. First Global Forum on Health Research and Development, World Health Organization, Geneva, Switzerland. June 1997.
6. Commencement Address. University of Michigan School of Public Health, Ann Arbor, USA. April 2000.
7. “Ignacio Chávez” Inaugural Lecture. 138<sup>th</sup> Academic Year of the National Academy of Medicine, Mexico City. February 2001.
8. Commencement Address. Harvard School of Public Health, Boston, Massachusetts, USA. June 2001.
9. “Dr. Manuel Martínez Baez” Inaugural Lecture. 55<sup>th</sup> Annual Meeting of the Mexican Public Health Society, Acapulco, Mexico. November 2001.

10. “Jesse D. Ibarra, Jr., M.D.” Annual Lectureship in International Health. School of Rural Public Health, Texas A&M University, College Station, Texas, USA. October 2002.
11. Vice President for Latin America, American Public Health Association. November 2002-November 2005.
12. Honor Diploma from the Mexican Academy of Surgery. November 2003.
13. Special Recognition from the Mexican Society for Quality in Health Care. November 2003.
14. Certification by the National Public Health Council of Mexico as public health specialist. April 2004.
15. Chair, First Meeting of Health Ministers. Organisation for Economic Co-operation and Development, Paris, France. 13-14 May 2004.
16. Dean’s Distinguished Lecture, Harvard School of Public Health, Boston, Massachusetts, USA. 7 December 2006.
17. “Miguel E. Bustamante” Distinguished Lecture. National Public Health Congress, National Institute of Public Health, Cuernavaca, Mexico. 7 March 2006.
18. Commencement Address. Harvard School of Public Health, Boston, Massachusetts, USA. 7 June 2007.
19. Distinguished Service Award. Global Health Education Consortium. April 2008.
20. Doctor Honoris Causa. Universidad Autónoma de Chiapas, Mexico. 17 April 2008.
21. Clinton Global Citizen Award. 25 September 2008.
22. Master of Arts *Honoris Causa*. Harvard University, Cambridge, Massachusetts, USA. 1 January 2009.
23. Commencement Address. University of Michigan School of Public Health, Ann Arbor, Michigan, USA. 29 April 2009.
24. Maurine and Robert Rothschild Lecture. Radcliffe Institute for Advanced Study, Harvard University, Cambridge, Massachusetts, USA. 2 November 2009.
25. 2009 David E. Barmes Global Health Lecture. National Institutes of Health, Bethesda, Maryland, USA. 15 December 2009.



26. Keynote Address. First Global Symposium on Health Systems Research “Science to Accelerate Universal Health Coverage”, World Health Organization, Montreaux, Switzerland. 16 November 2010.

27. Doctor Honoris Causa. Universidad de Occidente, Cuilacán, Sinaloa, Mexico. 22 November 2011.

28. Medalla al Mérito Sanitario 2011. Sociedad Mexicana de Salud Pública. (Medal for Merit in Health 2011, highest award presented by the Mexican Public Health Society). 23 November 2011.

29. “Miguel E. Bustamante” Distinguished Lecture. Annual Meeting of the Mexican Public Health Society, Puebla, Mexico. 23 November 2011.

30. Honorary Professor. College of Public Health, East Tennessee State University, Johnson City, Tennessee, USA. 7 February 2012.

31. Honorary Doctor of Science. University of Alberta, Edmonton, Alberta, Canada. 6 June 2012.

32. Andrija Stampar Medal. Association of Schools of Public Health in the European Region (ASPHER). 6 December 2012.

33. “Dr. Carlos Canseco González” Distinguished Lecture in Public Health and Nutrition. School of Public Health and Nutrition, Autonomous University of Nuevo León, Nuevo León, Mexico. 8 March 2013.

34. Abraham Horwitz Award for Excellence in Leadership in Inter-American Public Health. Pan American Health Organization and Pan American Health and Education Foundation. 30 September 2013.

35. Doctor *Honoris Causa*. Université de Genève, Geneva, Switzerland. 11 October 2013.

36. Medal “Dr. José Eleuterio González” awarded by Universidad Autónoma de Nuevo León, Mexico. 22 October 2014.

37. Gold Medal “Dr. Manuel Velasco-Suárez” awarded by the Congress of the State of Chiapas, Mexico. 20 February 2015.

38. Consortium of Universities for Global Health’s Global Health Distinguished Leadership Award. Annual CUGH Conference, Boston, Massachusetts, USA. 28 March 2015.

39. Doctor of Laws *Honoris Causa*. York University, Toronto, Ontario, Canada. 12 June 2015.

40. Member, Inter-American Dialogue. Washington, DC, USA. 1 January 2016.
41. “Manuel Martínez Baez” Distinguished Lecture. 30<sup>th</sup> Anniversary of the Mexican Health Foundation, Mexico City. 4 February 2016.
42. Association of Schools & Programs of Public Health (ASPPH) Welch-Rose Award for Distinguished Service to Academic Public Health. 2016 ASPPH Annual Meeting, Arlington, Virginia, USA. 22 March 2016.
43. Honorary Member *Honoris Causa*. Omicron Delta Kappa Society, Circle at University of Miami, Coral Gables, Florida, USA. 14 March 2016.
44. Yale University Edward A. Bouchet Medal for Outstanding Leadership and Diversity in Graduate Education. 13<sup>th</sup> Annual Bouchet Conference on Diversity and Graduate Education, Orange, Connecticut, USA. 2 April 2016.
45. Honorary Member. Phi Beta Kappa, Delta of Florida at the University of Miami, Coral Gables, Florida, USA. 3 April 2016.
46. Doctor of Laws *Honoris Causa*. University of Michigan, Ann Arbor, Michigan, USA. 18 December 2016.
47. Doctor of Public Health *Honoris Causa*. University of South Florida, Tampa, Florida, USA. 5 May 2017.
48. Member, El Colegio Nacional. Mexico City, Mexico. Induction date: 24 May 2017.
49. Narrator of the documentary film entitled “Mosquito.” Discovery Channel Latin America, Miami, Florida, USA. 22 June 2017.
50. Doctor *Honoris Causa*. Universidad Autónoma de Campeche, Mexico. 3 October 2017.
51. Doctor *Honoris Causa*. Universidad de Guadalajara, Mexico. 23 February 2018.
52. Frank A. Calderone Prize in Public Health. Mailman School of Public Health, Columbia University, New York, New York, USA. 14 November 2018.