

Marina Holz

Professor, Special Assistant to the Chancellor and Dean, New York Medical College

Webpage

Statement of Interest

I am honored to stand for election to the ASBMB Council and to continue serving the Society in a strategic leadership capacity. As an ASBMB Fellow elected in 2024, I am committed to advancing ASBMB's mission and supporting a strong, inclusive, and sustainable scientific community.

I serve as Dean of the Graduate School of Biomedical Sciences at New York Medical College, Professor of Cell Biology and Anatomy, and Special Assistant to the Chancellor. I lead an extramurally funded research program focused on translational studies of cancer and rare diseases, and my scholarship also addresses mental health and well-being in academia.

My involvement with ASBMB spans my entire career. I currently serve on the Membership Committee, where I lead the Group Memberships and Chapters Task Force. I am a member of the Journal of Biological Chemistry Editorial Board, and my publications as both trainee and senior author have appeared in JBC and Molecular & Cellular Proteomics. I served two terms on the Women in Biochemistry and Molecular Biology Committee (2019–2024), where I developed Society-wide professional development programming, including “Nuggets of Wisdom for Academic Job Applications”. I have also served as a mentor in the IMAGE program since 2018 and now serve on its Steering Committee.

I have contributed to the ASBMB annual meeting as both a scientist and academic leader, including service as a session organizer, undergraduate poster judge and as a speaker on leadership development. I have further supported ASBMB's outreach through contributions to ASBMB Today, including “The COVID-19 Pandemic Is Squeezing Women Out of Science”, one of the most-read articles of 2020. Earlier in my career, I established an ASBMB undergraduate chapter at Yeshiva University and supported undergraduate participation in ASBMB meetings and honors programs.

Education and Training

- 2024 Dr.P.H. in Health Policy and Management, New York Medical College, Valhalla, NY
- 2023 M.P.H. in Health Policy and Management, New York Medical College, Valhalla, NY
- 2006 Ph.D. in Cell and Developmental Biology, Harvard Medical School, Boston MA
- 2001 B.Sc. in Microbiology and Immunology (with Great Distinction), McGill University, Montreal, Canada

Awards and Honors

- 2024 Fellow of the American Society for Biochemistry and Molecular Biology (ASBMB)
- 2023 Inductee, Delta Alpha Chapter of Delta Omega, the National Honorary Society for Public Health
- 2019 Westchester Magazine “2019 Healthcare Hero”

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- 2018 Outstanding Investigator Award, National Institutes of General Medical Sciences (NIGMS)
- 2017 ASBMB Undergraduate Faculty Travel Award
- 2016 AACR-Bayer Innovation and Discovery Award
- 2016 ASBMB Undergraduate Faculty Travel Award
- 2015 ASBMB Undergraduate Faculty Travel Award
- 2015 Platform Presentation Award, LAM Foundation
- 2014- Doris and Ira Kukin Chair in Biology
- 2014 Platform Presentation Award, LAM Foundation
- 2013 American Cancer Society Research Scholar Award
- 2013 LAM Foundation Pilot Award
- 2012 Point of Light Award, Yeshiva University Winter Convocation
- 2001-2003 Graduate Research Fellowship, FRSQ, Quebec, Canada
- 2000 Meakins-Christie Fellowship, Montreal, Canada
- 1999 Alumnae Scholarship, McGill University, Montreal, Canada
- 1998-2000 Dean's Honor List, McGill University, Montreal, Canada
- 1998-2000 McConnell Award, McGill University, Montreal, Canada

Relevant Experience

- Fellow of the American Society for Biochemistry and Molecular Biology (ASBMB)
- 2013- Member, American Society for Biochemistry and Molecular Biology (ASBMB)
- 2024- ASBMB Membership Committee
- 2019-2024 Women in Biochemistry and Molecular Biology Committee member, ASBMB
- 2016 Sima Grossman - ASBMB Honors Society
- 2015 Kayla Applebaum – ASBMB Undergraduate Student Travel Award
- 2013-2014 Naomi Schwartz – ASBMB Honors Society
- 2023-25 ASBMB IMAGE Program Steering Committee
- 2018 ASBMB IMAGE workshop
- 2016-17 Judge, ASBMB Undergraduate Student Research Poster Competition
- 2023 Mentor, ASBMB IMAGE workshop, Washington, DC
- 2023 Speaker, “Intentional Leadership Development”, ASBMB Annual Meeting, Seattle, WA
- 2022 Session co-chair “Signaling Interest Group” ASBMB Annual meeting, New Orleans, LA
- 2021 Session organizer “Signaling interest group – TNBC and ovarian cancers”, ASBMB Annual Meeting
- 2020 ASBMB Annual Meeting – Emergent Signaling Pathways, Session Chair
- 2018 ASBMB IMAGE workshop
- 2018 ASBMB Annual Meeting, Translational Regulation Symposium, San Diego, CA
- 2023 ASBMB Today <https://www.asbmb.org/asbmb-today/opinions/030923/must-a-female-scientist-beambitious>
- 2021 ASBMB Today <https://www.asbmb.org/asbmb-today/people/022621/every-experiment-and-everybreakthrough-matters>
- 2020 ASBMB Today; American Association for Anatomy <https://www.asbmb.org/asbmbtoday/careers/071720/supporting-ph-d-students-in-the-time-of-covid-19>

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- 2020 ASBMB Today <https://www.asbmb.org/asbmb-today/careers/060520/the-covid-19-pandemic-issqueezing-women-out-of-sc>