

**Curriculum Vitae**  
**Carynelisa Haspel (nee Erlick)**

**POSITION AT THE HEBREW UNIVERSITY OF JERUSALEM**

Associate Professor, The Fredy and Nadine Herrmann Institute of Earth Sciences

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ISI Web of Science: <https://www.webofscience.com/wos/author/record/1681091>

google scholar: <https://scholar.google.com/citations?user=LyZY4XsAAAAJ&hl=en>

ResearchGate: [https://www.researchgate.net/profile/Carynelisa\\_Haspel](https://www.researchgate.net/profile/Carynelisa_Haspel)

**HIGHER EDUCATION**

1989-1993, Rutgers University, Department of Physics and Astronomy, Degree: B.A. (High Honors in Physics and Highest Honors from Rutgers College).

1993-1997, The University of Chicago, Department of the Geophysical Sciences, Degree: Ph.D., Advisor: Prof. John Frederick.

1997-1999, Princeton University, Program in Atmospheric and Oceanic Sciences/Geophysical Fluid Dynamics Laboratory (GFDL), Visiting Scientist at the Postdoctoral Level, Supervisors: Profs. V. Ramaswamy and Lynn Russell.

1999-2000, The Hebrew University of Jerusalem, Dept. of Atmospheric Sciences, Postdoctoral Researcher, Supervisors: Profs. Nathan Paldor and Alexander Khain.

**APPOINTMENTS AT THE HEBREW UNIVERSITY OF JERUSALEM**

2000-2006, Lecturer

2006-2012, Senior Lecturer

2012-present, Associate Professor

**SELECTED ADMINISTRATIVE APPOINTMENTS AT THE HEBREW UNIVERSITY OF JERUSALEM**

2009-2010, Associate Head and Acting Head of the Department of Atmospheric Sciences and the Program in Climate, Atmospheric Sciences, and Oceanography (CAO)

2011-present, Head of the Undergraduate Specialization in CAO

2011-2017, Head of the Graduate Department of Atmospheric Sciences

2015-2018, Head of the Undergraduate Department of Earth Sciences

**TEACHING AT THE HEBREW UNIVERSITY OF JERUSALEM**

2000-2001, Advanced Radiative Transfer/Mie Scattering 82821 (graduate)

2001-2006, Seminar for Graduate Students in Atmospheric Sciences 82830 (graduate)

2001-2016, Atmospheric Chemistry 82810, 82320, 82657 (undergraduate)

2001-present, Radiative Transfer in the Atmosphere 82308, 82309\*\* (undergraduate)

2002-2006, Workshop in Selected Topics in Atmospheric Science 82609 (undergraduate)

2004-present, Principles of Remote Sensing 82850 (undergraduate)

2008-2021, Thermodynamics of the Atmosphere and Oceans 68118, 82314 (undergraduate)

2012-2017, Research Project for Undergraduates in CAO 82519 (undergraduate)

2016-present, Workshop on English Usage for Graduate Students in Science 82851 (graduate)

2017-present, Energy and the Environment 82612 (graduate)

\*\*In addition, Introduction to Modeling in Earth Sciences 70356 was originally a module of my course 82309.

**SELECTED HONORS AND AWARDS**

1989-1993, Edward J. Bloustein Memorial Scholarship

1990, Certificate of Academic Achievement

1991-1993, Rutgers College Merit Scholarships

1992, Presidential Award on the NJ State General Intellectual Skills Test

1992, Phi Beta Kappa National Honor Society

1992, Sigma Pi Sigma Physics Honors Society

1992, Mary Wheeler Wigner Memorial Scholarship in Physics

1992-1993, President of the Rutgers Society of Physics Students

1993, Richard T. Weidner Prize in Physics

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1996-1997, Chair of the Geophysical Sciences Graduate Student Exposition  
1996-1997, U.S. Environmental Protection Agency Fellowship for Graduate Environmental Education  
1999, Aron and Sara Mintz Prize  
2000, Golda Meir Postdoctoral Fellowship  
2001, Shindel Prize  
2006, 2007, ranked 1 out of 22 for teaching in the Institute of Earth Sciences  
2007, Citation for Excellence in Teaching at the Hebrew University of Jerusalem  
2010, Honorable Mention in the Competition for the Prize for Outstanding Immigrant Scientist from the Minister of Immigration  
2011, course Atmospheric Chemistry ranked number 1 out of 12 in the Program in Climate, Atmosphere, and Oceanography  
2014, Citation for Excellence in Teaching at the Hebrew University of Jerusalem  
2015, Citation for Excellence in Teaching at the Hebrew University of Jerusalem  
2017, Elected Senior Member of the Optical Society of America (selection by referees)  
2017, Citation for Excellence in Teaching at the Hebrew University of Jerusalem  
2018, Editor's Citation for Excellence in Refereeing for JGR-Atmospheres

**SELECTED PUBLIC SERVICE**

2005, Participant in the U.S. Climate Change Science Program (CCSP) addressing CCSP Goal 2: "Improve quantification of the forces bringing about changes in the Earth's climate and related systems."  
2005-2006, Participant in the United Nations Environment Programme (UNEP)/World Meteorological Organization (WMO) 2006 Scientific Assessment of Ozone Depletion.  
2011, "Speed Dating" – short talk on being a female scientist at the Bloomfield Science Museum, Jerusalem.  
2012, Academic Community for Israeli Society (<http://www.bashaar.org.il/english.asp>) – answered a series of questions on ozone (questions 5459, 5460) via email after being referred by Prof. Oded Navon.  
2012, Talk on "Light" at nursery school/kindergarten Gan Naomi, Givat Mordechai, Jerusalem.  
2013, Talk on "7 Secrets About Light" at preschool Gan Esti, Givat Mordechai, Jerusalem.  
2014, Talk on "Teaching Earth Sciences" in series of lectures about "Ways to Make a Living" at combined afterschool program for preschool Gan Esti and nursery school/kindergarten Gan Naomi, Givat Mordechai, Jerusalem.  
2014, Presentation on "10 Surprises About Light in the Sky" at nursery school/kindergarten Gan Naomi, Givat Mordechai, Jerusalem.  
2015, Presentation on "Physics in Atmospheric Sciences" to high school students taking 5 units of physics (בגרות), Hebrew University, Jerusalem.  
2018, Talk on "Clouds and Light" at the Annual Tu Beshvat Seder of Kehilat Tiferet Mordecai, Givat Mordecai, Jerusalem.  
2020, Two talks "Earth's Radiative Energy Balance" and "Facts That Scientists in the Field Should Not Argue Over Versus Topics for Debate and Further Research" on a seminar day for high school students and general audiences titled "Degree and a Half: The Science Behind Climate Change".  
2020, Seminar for Pre-Army Group (מכינה קדם-צבאית), Jerusalem, Israel, March 3, 2020. Invited Talk: Some Scientific Subjects Related to the Issue of Global Warming.  
2021, Symposium for High School Biology Teachers (יום עיון השנתי למורי ביולוגיה), The Hebrew University of Jerusalem, December 1, 2021. Invited Talk: Understanding Radiation Balance and Its Influence on Global Warming – A Talk on the 2021 Nobel Prize in Physics From the Perspective of My Research. (\*via Zoom)  
2022, Answered question that was submitted to National Geographic Children's Magazine (מדור "פתק") במגזין קפטן קידס (בבקבוק) June 2022.  
2023, Short presentation and question-answer session on climate science's facts and predictions with rabbis and religious educational professionals organized by Rabbi Barry Kornblau, founder of meisharim.org, September 4, 2023.