

SOLUTIONS FOR

Molecular Frontiers Journal Competition

FUTURE EARTH

**From students who are
excited about helping the planet**

Names of Winners on the
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**MOLECULAR
FRONTIERS**
JOURNAL

 **World Scientific**
Connecting Great Minds

<https://www.planetearthsymposium.org/registration/>

The Molecular Frontiers Journal Announces Winners of the Student Competition on Solutions for Future Earth

Day 1 Symposium on Planet Earth: A Scientific Journey

Stockholm, Sweden, Aula Magna, Stockholm University (May 9, 2019) Today at the conclusion of the first day of the two-day symposium on *Planet Earth: A Scientific Journey* symposium held under the auspices of Molecular Frontiers Foundation, The Royal Swedish Academy of Sciences, Chalmers University of Technology and hosted by Stockholm University, the winners of the Molecular Frontiers Journal student competition on “Solutions for Future Earth” were announced. The competition, aimed at students between the ages of 13–18 drew submissions from students around the world who opined on a wide range of topics representing challenges or opportunities that they believe the planet will be facing ahead. The entries were reviewed by members of the Molecular Frontiers Journal’s Editorial Board and were judged according to their originality, presentation of concept, development of solutions, impact and feasibility of implementation. The first prize winner will receive a cash award of \$5000, the second prize winner will receive a prize of \$3000 and the third prize winner will receive \$2000. The winners will also have their essays published on the open-access Molecular Frontiers Journal digital site. A number of the student submissions will also be selected to be included in an upcoming book to be published by World Scientific.

The Award Winners are:

First Prize – Clara Nyman, Nils Fredriksson Utbildning, Sweden, *Dangerous Colors*

Second Prize – Yuki Agarwala, K. International School Tokyo, Japan, *The Hidden Methanogens*

Third Prize – Lisa Samuelsson, Bäckängsgymnasiet, Sweden, *Encourage Reduced Food Waste*

Youth Observation Award – Benedikt von Beauvais, St. George’s School Duisburg-Düsseldorf, Germany, *Changing World*

Sustainable Solution Award – Jin Wen Kee, National Junior College, Singapore

Exceptional Mentions were accorded to:

Mohnish Alishala, Scripps Ranch High School in San Diego, California, USA

Sam Baumohl, Mary Institute and St. Louis Country Day School, USA

Deniz Behrendt, Berlin Metropolitan School, Germany

Madhumita Chandrasekaran, Acadia Junior High School, Canada

Sarah Crow, The Hockaday School, Texas, USA

Shaina Eagle, Scripps Ranch High School, California, USA

Dylan Jones, Urbana High School, USA

Jin Wen Kee, National Junior College, Singapore

Prince Vijay Suraj Kongara, Delhi Public School, India

Simon Mattias Koser, Viktor Rydberg Gymnasium Odenplan, Sweden

Kylie Long, Florida Atlantic University High School, USA

Edvin Malmros, Wisbygymnasiet, Sweden

Nora Parson, Viktor Rydberg Gymnasium Odenplan, Sweden

Sachi Patil, Berlin Metropolitan School, Germany

Tia Piziali, Georgetown Day School, USA

Kelley Sinning, Marquette High School, USA

Maj Bredahl Skånström, Skt. Helene Skole, Denmark

Murat Yuzdzhani, Nils Fredriksson Utbildning, Sweden

Lina Cao Zhang, Viktor Rydberg Odenplan, Sweden

Honorary Mentions were accorded to:

- Hannah Amelin**, Södra, Latins Gymnasium, Sweden
Gustav Arnefors German, Wisbygymnasiet, Sweden
Hugo Axelsson, Åbyskolan, Sweden
Rubén Velasco Barragán, Madison International School, Monterrey, México
Julia Berg, Wisbygymnasiet, Sweden
Vendela Bergman, Viktor Rydberg Gymnasium Odenplan, Sweden
Phoebe Blank, Berlin Metropolitan School, Germany
Nicole Bui-Poulakos, Florida Atlantic University High School, USA
Rouven Burmeister, Nils Fredriksson Utbildning, Sweden
Connor Cane, FAU High School, United States
Fernando Adrián Mata Cavazos, Madison International School, Monterrey, México
Smilla Dahlström, Wisbygymnasiet, Sweden
Leah Davidowitz, Spanish River Community High School, USA
Moinak Deb, Acadia Junior High School
Sara Desvergunat, Florida Atlantic Univeristiy High School in USA
Julia Dudko, Nils Fredrikssons Utbildning, Sweden
Alice Ekelund, Wisbygymnasiet, Sweden
Lara El-Khalili, Göteborgs Tekniska Insutiet, Sweden
Annie Engstrom, Wisbygymnasiet, Sweden
Mahaasrei Ghosh, FAU High School, United States
Dylan Lozano Granados, Madison International School, Monterrey, México
Samuel Gruenberg, Wisbygymnasiet, Sweden
Rawa Halabjaji, Gothenburg Technical Institution (GTI), Sweden
Noah Halfon, West Boca High, USA
Jonathan Hall, Nils Fredriksson Utbildning, Sweden
Elias Hasanzadeh, Nils Fredriksson Utbildning, Sweden
Nathan Hassler, Donnergymnasiet, Sweden
Katherine Horan, Florida Atlantic University High School, United States
Alexandra Horgos POP, S:ta Ragnhildgymnasiet, Sweden
Lisa Skalare Hvitfeldtska, High School, Gothenburg, Sweden
Momoka Ikeda, Evangelische Schule Köpenick, Germany
Adam Jakobsson, Wisbygymnasiet, Sweden
Matilda Jakobsson, Wisbygymnasiet, Sweden
Nathalie Hallberg Jammeh, Wisbygymnasiet, Sweden
Emilia Johansson, Mönsteråsgymnasiet, Sweden
Isak Johansson, Thoren Innovation School Lund, Sweden
Ornella Kassaei, Berlin Metropolitan School, Germany
Max Kenning, Viktor Rydberg Gymnasium Odenplan, Sweden
Tobias Koorem, Wisbygymnasiet
Oliver Kraft, Alströmergymnasiet, Sweden
Kevin Larsson, Thoren Innovation School Lund, Sweden
Noa Lerberg, Wisbygymnasiet, Sweden
Tim Letandersson, Nils Fredriksson Utbildning, Sweden
Julianna Lian, Florida Atlantic University High School, United States
Oliver Lindgren, Wisbygymnasiet, Sweden
Frida Löfgren, Viktor Rydberg Gymnasium Odenplan, Sweden
John Long, Pennsylvania Virtual Charter School, United States of America
Eli Båvner Lorentzi, Sweden
Tilde Lyberg, Wisbygymnasiet, Sweden
Malin Martin, Wisbygymnasiet, Sweden
Amanda Martis, Wisbygymnasiet, Sweden
Elise Mellbin, NTI Gymnasiet Kronhus, Sweden
Almer Mihalevich, Mary Institute and St. Louis Country Day School, USA
Virginia Díaz Moreno, Madison International School, Monterrey, México
Amirhosein Sayedmir Shahid Morshed, High School, IRAN
Wilma Müller, Viktor Rydberg Gymnasium Odenplan, Sweden
Alexander Nährström, Wisbygymnasiet, Sweden
Isaac Alejandro Arredondo Neri, Madison International School, Monterrey, México
Linnea Nordström, Katedralskolan, Finland
Lothar Nygren, Viktor Rydberg Gymnasium Odenplan, Sweden
Kenny Ojanne, Viktor Rydberg Gymnasium Odenplan, Sweden
Ester Kjellberg Olofsson, Wisbygymnasiet, Sweden
Isak Olsson, Wisbygymnasiet, Visby
Dalila Osmanovic, Öresundsgymnasiet, Sweden
Phila Paavola, Gymnasiet Lärkan, Finland
Carolyn Pasalska, Viktor Rydberg Gymnasium, Sweden
Rasmus Persson, Wisbygymnasiet, Sweden
Alana Philogene, White Oak High School, United States
Nicolas Porter, Berlin Metropolitan School, Germany
Simon Rasmusson, Wisbygymnasiet, Sweden
Mariam Rizvi, Florida Atlantic University High School
Tyra Rodlert, Wisbygymnasiet, Sweden
Arvid Rosengren ASP, Ystad Gymnasium, Sweden
Amanda Runfeldt, Wisbygymnasiet, Sweden
Kasper Sällquist, Nils Fredriksson Utbildning, Sweden
Fatemeh Sayedmir, Shahid aboeee, IRAN
Florentine Schief, Berlin Metropolitan School, Germany
Nitin Seshadri, Somers High School, New York, USA
Mahek Shah, Scripps Ranch High School, USA
Jonathan Simak, Richard Montgomery High School, USA
Satviki Singh, FAU High School, United States of America
Kelley Sinning, Marquette High School, United States

Ele Smalley, Clarke County High School, USA
Alva Söderbäck, Wisbygymnasiet, Sverige
Vivek Sreejithkumar, Florida Atlantic University High School,
United States of America
Sanna Stahl, Nils Fredriksson Utbildning, Sweden
Emma Susi, A.D Henderson FAU High, United States
Vithu Suthakaran, Florida Atlantic University High School,
United States
Charlotte Svensson, Åbyskolan, Sweden
Sofia Åkerlind Villaggi, Viktor Rydberg Gymnasium Odenplan,
Sweden
Alejandro Villanueva del Rio, Madison International School,
Monterrey, México

Isabella Vilos, Gymnasiet Lärkan, Finland
Linn Vistrand, Wisbygymnasiet, Sweden
Leopold von Berger, Brecht-Schule Hamburg, Germany
Savannah Vrakking, Berlin Metropolitan School, Germany
Lovine Waldvik, Lilla Akademien, Sweden
Amber Wang, Dreyfoos School of the Arts
Sara Wegelius, Wisbygymnasiet, Sweden
John Wiberg, Wisbygymnasiet, Sweden
Jonah Zacks, Mary Institute and St. Louis Country Day
School, USA