A Joint Presentation of the Western Academy for Advanced Research (WAFAR) and the Don Wright Faculty of Music

Discussion of the climate crisis led by Dr. Lucy Jones, Visiting Fellow at WAFAR

**Climate Change is Real and Now**
Introduction to WAFAR’s climate project

- O vos omnes (Oh all ye)
  - Andrea Ramsey
  - Western University Singers

**Our Future in a Changing Climate**

- Requiem Aeternam (Eternal Rest)
  - Les Choristes
  - Nancy Telfer*

- Dies Irae (Day of Wrath)

- Earth Song
  - Frank Ticheli
  - Western University Singers

**Changing Directions: What is Needed**

- I Dreamed of Rain
  - Jan Garrett
  - Western University Singers
  - arr. Larry Nickel*

- Requiem Aeternam (Eternal Rest)
  - Nancy Telfer*

- Agnus Dei (Lamb of God)
  - Karen Hu, soloist
  - Les Choristes

**We can make a difference**

- To Sit and Dream
  - Rosephanye Powell
  - Les Choristes

- Easy on the Earth
  - Luke Wallace*
  - Les Choristes and Western University Singers
  - arr. Shawn Kirchner and Luke Wallace*

*indicates Canadian composer

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DR. LUCY JONES AND THE TEMPO PROJECT

**Dr. Lucy Jones** is the founder and chief scientist of the nonprofit Dr. Lucy Jones Center for Science and Society, which supports the application of science in the creation of more resilient communities. With a Bachelor of Arts in Chinese Language and Literature from Brown University and a Ph.D. in Geophysics from MIT, she worked as a seismologist at the US Geological Survey for 33 years where she developed the methodology used for earthquake advisories in the State of California, created the Great ShakeOut drill, encompassing over 60 million participants globally in 2019, served as Science Advisor for Seismic Safety for the Mayor of Los Angeles and wrote over 100 published papers on statistical seismology and integrated disaster scenarios. She has held visiting professorships at the University of California (Hitchcock Chair), and the University of Oregon (Morse Chair).

Dr. Jones is the author of *The Big Ones: How natural disasters have shaped us (and what we can do about them)*, published by Doubleday in 2018, and available in seven languages. In 2020, she launched the podcast, *Getting Through It*, with co-host John Bwarie. She is also a musician, performing on the viol with Los Angeles Baroque and SoCal Viols, and composed music on climate change, *In Nomine Terra Calens*.

Her pioneering science was recognized with numerous awards, including the Samuel J. Heyman Service to America Medal, the Distinguished Service Award from the US Department of Interior, and public service awards from the American Geophysical Union, Seismological Society of America, Earthquake Engineering Research Institute, Geological Society of America and the American Geosciences Institute.

She created and now leads a project to engage climate scientists, social scientists and musicians in creating music that will inspire action on the climate crisis called Tempo: Music for Climate Action.

**The Tempo Project** began in 2021 to bring together climate scientists and engineers, social scientists, and musicians to explore the ways in which music can be used to inspire action on the climate crisis. The goal of Tempo is to combine the insights from science with the power of music to change the emotional climate about climate change. It seeks to shift our society’s emotions from despair, which disincentivizes action, to the feeling and awareness that there is still something we can do. The project fosters dialogue between the different experts, supports composers and the production of concerts that combine music and climate information.
LES CHORISTES
Dr. Tracy Wong, conductor
Julia Brotto, assistant conductor
Rabekah Wiseman, assistant conductor
Ryan Baxter, pianist
Xue Snow Li, assistant pianist
Sarah Abado
Evelyn Barber
Alyssa (Nikki) Bautista
Chantel Bennett
Pauline Boers
Mary-Maria Bourdeau
Emma Butler
Ai-Linn Chua
Hayley Festeryga
Callista Foti
Diane Gorun
Karla Guerrero
Melody Ho
Cosette Holliday
Karen Hu
Sarah Hu-A-Kam
Natalie Jollota
Cailyn Mann
McKenna Mellon
Renée Nikkel
Katie Pessotski
Olivia Power
Adaline Quach
Josephine Raffaele
Mira Saito
Tarana Steinke
Hunter Stull
Anjali Subakaran
Eden Volpe-Rule
Melosa Wang
Abigail Wearne

WESTERN UNIVERSITY SINGERS
Dr. Mark Ramsay, conductor
Emer Montaño, assistant conductor
Lorinda van Wyk, assistant conductor
Sing Yuan Liew, pianist
Lezhuo Rachel Liu, assistant pianist
Ian Nathaniel Balana
Braylon Belanger
Madeline Berman
Zoe Boonstra
Julia Brotto
Hannah Cole
Dante Duffus
Zack Ferns
Caitlin Fitzpatrick
Owen Gariepy
Sage Gilliland
Sammy Ginsberg
Amy Godin
Nicholas Grynewski
Alexander Guler
Iris Janssen
Erin Johnston
Carter Keane
William Krieger
Ben Louwerse
Adam MacNeil
Olivia McKoy
Jillian Regier
Nicholas Scarfo
Nicholas Skene
Briana Sutherland
Meghan Taylor
Cassandra Vinall
Rabekah Wiseman
Patricia Wrigglesworth
Maja Zbogar