



# CAP 2021 VIRTUAL CONGRESS

Plenary Speaker Bio

## KEVIN HEWITT | DALHOUSIE UNIVERSITY

Dr. Hewitt is a full Professor in the Department of Physics & Atmospheric Science, and Chair of Senate (2015-) at Dalhousie University. In his Molecular imaging lab (<https://hewitt-lab.com/>), he has developed novel nanoparticle probes for cancer imaging and treatment, new optical imaging approaches and a prototype medical diagnostic tool. He completed his B. Sc., Physics Specialist & Biology Major at the University of Toronto (1992), where he received the UofT Physics prize.

At Dalhousie he unified his deep and abiding interests in science and community engagement by co-founding (in 2003) the innovative and award-winning Imhotep's Legacy Academy (<https://www.dal.ca/faculty/science/imhotep.html>), a STEM outreach program for African Canadian students from junior high to university. He's featured in Cool Black North (<http://coolblacknorth.com/>), a film which explores the unique and vibrant Canadian Black Community and its role in our country's contemporary identity. He's held elected positions on the Canadian Association of Physicists and the American Physical Society - Committee on Minorities in Physics, the National Advisory Committee on Equity, Diversity and Inclusion Policy (ACEDIP) for the Tri-Agency Institutional Programs Secretariat and Global Affairs Canada, Faculty Mobility Program - Emerging Leaders in the Americas Program Selection Committee (2019-). He is co-chair of the Tri-Agency Institutional Programs New Frontiers in Research Fund Multidisciplinary review panel and chair of the Natural Sciences and Engineering Council of Canada Discovery Research Institutes Support Fund grant selection committee.

His contributions have been recognized by a Youth Community Service Award (1999), the Harry Jerome Award for Professional Excellence (2014), NSERC Award for Science promotion (2021), the Rosemary Gill award for service to students (2021) and the Nova Scotia Discovery Centre Science Champion (2018).