

SAINT LOUIS —  
**CLIMATE  
SUMMIT**

HOSTED BY SAINT LOUIS UNIVERSITY



**April 22 – 24, 2018**

[stlclimatesummit.org](http://stlclimatesummit.org)

A vibrant blue sky filled with fluffy white clouds. A bright sun is positioned on the left side, emitting a strong, multi-rayed starburst effect that illuminates the scene. The sun's rays create a gradient of light across the sky, from a pale blue near the sun to a deeper blue in the upper right. The clouds are scattered throughout, with some appearing more prominent in the foreground and others further away. The overall atmosphere is bright and clear.

BACKGROUND



## Guest commentary: Yes, let's start the revolution here

"I hope St. Louisans will help us raise awareness about these increasingly urgent climate issues by attending a high-profile "Environmental Preservation Day" at Grant's Farm. This can renew the farm's regional relevance and honor all St. Louisans..."

# LAUDATO SI'

ON CARE FOR  
OUR COMMON HOME



## POPE FRANCIS



ENCYCLICAL LETTER

“Climate change is a problem which can no longer be left to a future generation. When it comes to the care of our ‘common home,’ we are living at a critical moment in history.”

- Pope Francis

# Saint Louis Climate Summit: Established as Primary Event of Saint Louis University Bicentennial



# The Saint Louis Climate Summit Planning Committee: First Informal (*ad hoc*) Working Group Met in 2014

*Ad hoc* planning group first meetings in summer 2014

## Programmatic

**Fishman**

**Raven**

**Webb**

**Valentine**

(Woolschlager) Knouft

## Sponsorship & Fundraising

Mauzy

Schneider

Fishman

Raven

Webb

Yakubu

Valentine

Galmiche

Meyerscough

## Local Climate Awareness

Wilmoth

Fishman

Craig Moeller (KSDK)

Chester Lampkin (KSDK)

Shari Bell (Climate Central)

Denson (STL Climate Realty)

## Education/Outreach

Anderson

Mauzy

Walpole

Fishman

Young

# SAINT LOUIS CLIMATE SUMMIT PLANNING COMMITTEE

## FOUNDING MEMBERS

**Jack Fishman**, Chair, Center for Environmental Sciences,  
Department of Earth & Atmospheric Sciences

**David Webb**, Executive Co-Chair, Emerson Leadership Institute at Saint Louis University

**Peter Raven**, Program Co-Chair, Missouri Botanical Garden

**Trudy Busch Valentine**, Alumna, SLU Trustee

## MEMBERS

**Bill Anderson**, Saint Louis University High School

**Ken Denson**, Climate Reality STL

**Jason Knouft**, SLU Department of Biology

**Dan Mauzy**, SLU Alumnus, Consultant

**Jennifer Myerscough**, St. Louis Earth Day

**Eric Schneider**, Consultant

**Simon Warren**, Missouri Botanical Garden

**Catherine Werner**, City of St. Louis

**Valorie Wilmoth**, SLU Department of Earth & Atmospheric Sciences,

**Beth-Anne Yakubu**, SLU Emerson Leadership Institute

**Aaron Young**, East-West Gateway Council of Governments



## LOGISTICAL PARTNERS NINE NETWORK OF PUBLIC MEDIA

**Angie Carr**, Event Manager

**Megan Grisolano**, Business Manager

**Matt Huelskamp**, Director of Marketing & Communications

## EX OFFICIO

**Fr. Chris Collins**, SLU, Assistant to the President for Mission and Identity

**Jack Galmiche**, Nine Network of Public Media

**Ellen Harshman**, SLU, Director of Bicentennial Planning

**Larry Lazar**, Climate Reality STL

**Teri Murray**, SLU, School of Nursing

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The “Project Team” that met weekly, January-April, 2018  
Angie Carr and Matt Huelskamp (Nine Network)  
David Webb and Jack Fishman (SLU)



## Majority of Conference Venue: at Channel Nine Facility



- “Studio A” hosted 220 attendees**
- comfortable classroom seating
  - professional audio & acoustics
  - studio-quality lighting
  - meals & breaks in common area tent



3655 Olive:  
1 block north of SLU

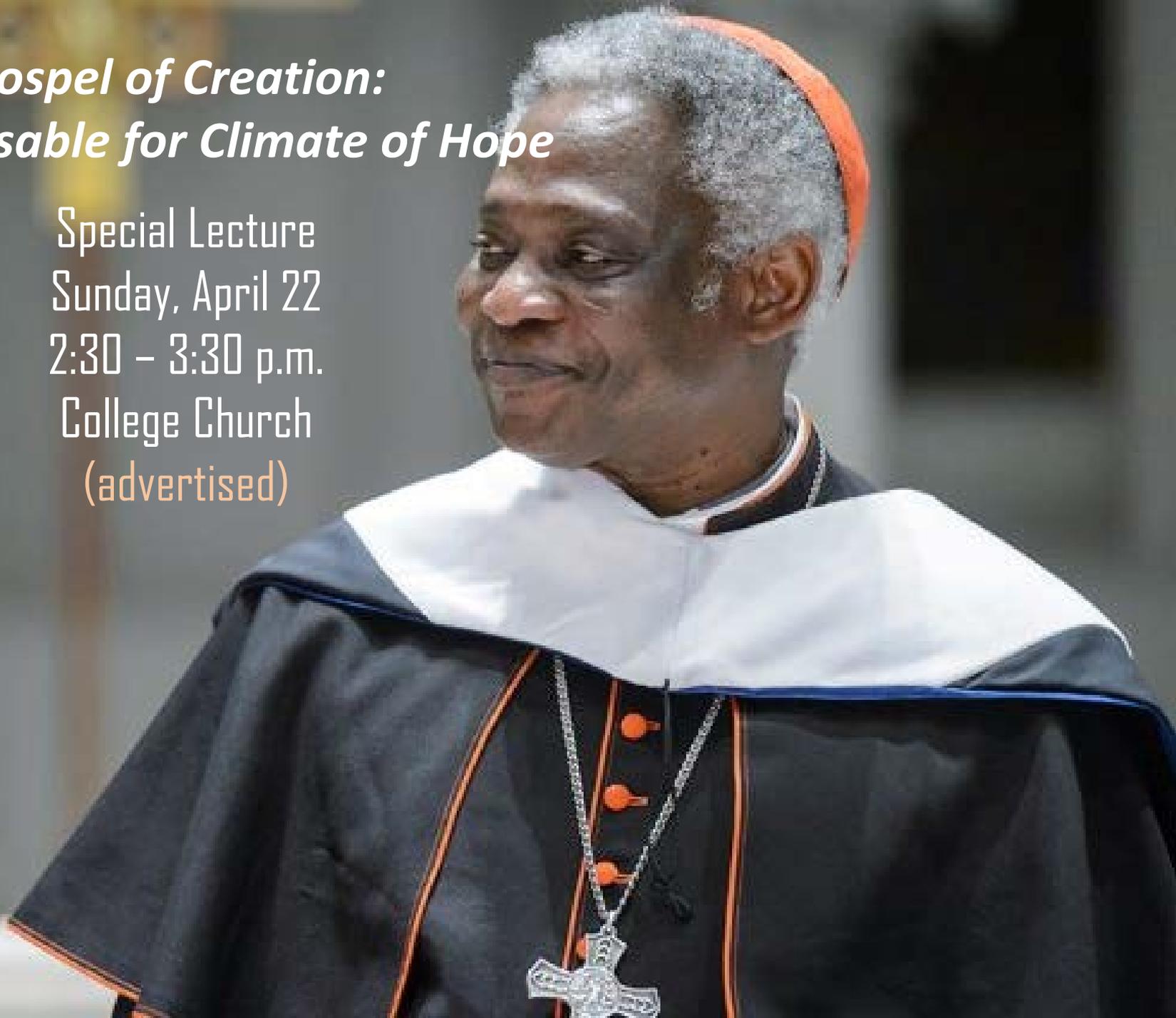




SUNDAY  
APRIL 22, 2018

*Gospel of Creation:  
Indispensable for Climate of Hope*

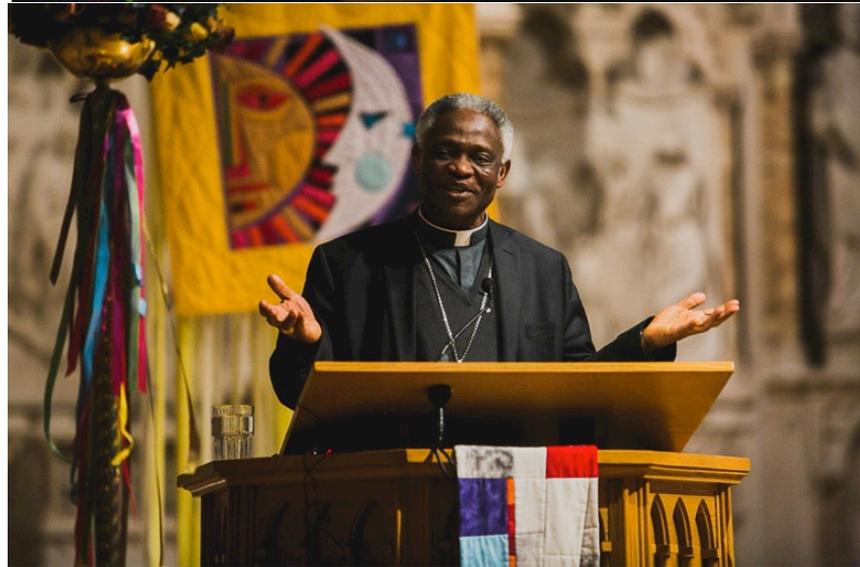
Special Lecture  
Sunday, April 22  
2:30 – 3:30 p.m.  
College Church  
(advertised)



***Cardinal Turkson's Flight  
Delayed and does not get to  
College Church until 3:45  
(even with police escort on tarmac!)***

Peter Raven and Mary Evelyn Tucker provide warm-up  
discussion  
2:30-3:45

Cardinal Turkson provides first part of scheduled  
lecture  
3:45-4:15



# BEFORE THE FLOOD

Public Screening & Discussion  
Sunday April 22  
6:30 – 9:00 p.m.  
Center for Global Citizenship



Moderated by:  
Ben de Foy (SLU)  
Beth Martin (WUSTL)  
Valorie Wilmoth (SLU)  
~60 Attendees



SAINT LOUIS  
UNIVERSITY™

COP23 | FIJI  
UN CLIMATE CHANGE CONFERENCE  
BONN 2017



Washington  
University in St. Louis

# Sunday Evening Invitation-Only Reception for Panelists and Other Dignitaries at Shanahan Atrium in Chaifetz School of Business

## Featured Speaker: Nobel Laureate Mario Molina

The 2018 Saint Louis Climate Summit brings together some of the most authoritative minds in climate science, ecology, sustainable development, and related disciplines for three days of discussion on climate change. The conference will highlight key issues, celebrate notable achievements, and elucidate a path forward. The Climate Summit is a featured activity of Saint Louis University's Bicentennial Celebration. For additional information, visit [stlclimatesummit.org](http://stlclimatesummit.org)



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### Featured Speaker

Dr. Mario Molina, Recipient of the Nobel Prize for Chemistry (1995) and the U.S. Medal of Freedom from President Barack Obama (2013). Prof. Molina will present a short lecture on "The Anthropocene."

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### Sunday, April 22, 2018

5:00 p.m. Cocktail Reception

6:00 p.m. Heavy Appetizers

6:30 p.m. Program

### Shanahan Atrium in John and Lucy Cook Hall

Richard Chaifetz School of Business  
3674 Lindell Blvd., St. Louis, Missouri

# Photos from Invitation-only Dinner





**MONDAY - TUESDAY**  
**APRIL 23-24, 2018**

# Climate Experts



**CARL POPE**  
Author & Former  
Executive Director  
and Chairman of the  
Sierra Club



**CARDINAL PETER  
TURKSON**  
Prefect of the Dicastery  
for Promoting Integral  
Human Development



**MARIO  
MOLINA, Ph.D.**  
Nobel Laureate



**PETER RAVEN, Ph.D.**  
Conference Co-Chair  
Missouri Botanical Garden



**VEERABHADRAN  
RAMANATHAN, Ph.D.**  
Scripps Institution of  
Oceanography, University  
of California, San Diego



**PRABHU  
PINGALI, Ph.D.**  
Cornell University



**MICHAEL  
HANEMANN, Ph.D.**  
Arizona State University



**JANE  
LUBCHENCO, Ph.D.**  
Oregon State University



**JEFFREY SACHS, Ph.D.**  
Columbia University



**ELIZABETH  
AINSWORTH, Ph.D.**  
University of Illinois



**RICHARD CIZIK**  
New Evangelical  
Partnership for the  
Common Good



**HEATHER  
EATON, Ph.D.**  
St. Paul University



**JACK FISHMAN, Ph.D.**  
Conference Chair  
Saint Louis University



**PETER GLEICK, Ph.D.**  
Pacific Institute



**MITCHELL HESCOX**  
The Evangelical  
Environmental Network



**KATHARINE  
MACH, Ph.D.**  
Stanford University



**JOHN MCCARTHY, S.J.**  
English Canada Province  
for the Society of Jesus



**P.J. SIMMONS, M.A.**  
Corporate Eco Forum



**NANCY  
TUCHMAN, Ph.D.**  
Loyola University Chicago



**MARY EVELYN  
TUCKER, Ph.D.**  
Yale University



**MATHIS  
WACKERNAGEL, Ph.D.**  
Global Footprint Network

# Monday Morning Modified to Include Introductory Lecture by Cardinal Turkson



**“Setting the Stage” Panel:  
Jack Fishman, Katharine Mach, Mario Molina  
Veerabhadran Ramanathan (via video)**

## Monday Academic Sessions (cont.)



**Whole Earth Systems Panel:**  
**Michael Hanemann**  
**Mathis Wackernagel**



**Biodiversity Panel:**  
**Peter Raven**  
**Fr. John McCarthy**

## Monday Academic Sessions (cont.)



### **Business Panel:**

**P.J. Simmons**

**Jeffrey Sachs**

## Tuesday Academic Sessions



**Agriculture Panel:**  
**Lisa Ainsworth**  
**Allison Miller**  
**Prabhu Pingali (via video)**



**Ocean and Water Panel:**  
**Colin Wellenkamp**  
**Jane Lubchenco**  
**Peter Gleick**

## Tuesday Academic Sessions (cont.)



**Education Panel:  
Kehkashan Basu  
Nancy Tuchman**



**17-year old Kehkashan Basu:  
was the only speaker to receive a  
standing ovation**

## Tuesday Academic Sessions (cont.)



### Religious Perspectives and Our Moral Obligation to Address Climate Change

Moderated by Tobias Winright

Panelists: Richard Cizik, Mary Evelyn Tucker, Heather Eaton and Mitchell Hescox

**220 Registrants Signed Up for the Saint Louis Climate Summit**



KEYNOTE  
APRIL 23, 2018

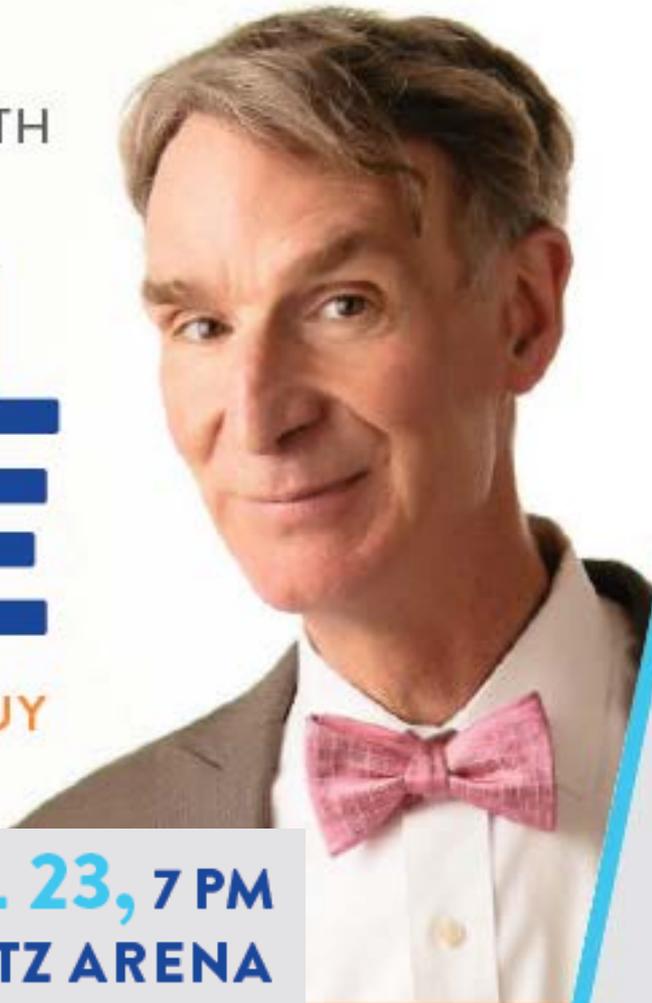
AN EVENING WITH

# BILL NYE

THE SCIENCE GUY

APRIL 23, 7 PM  
CHAIFETZ ARENA

Engineer, comedian, author,  
and inventor — inspiring  
audiences of all ages to engage  
with and improve our world.



# CARL POPE

ENVIRONMENTALIST  
AND AUTHOR

Co-Author of *Climate of Hope*  
and Former Executive Director  
and Chairman of the Sierra Club

# Snapshots from Chaifetz Arena



# Approximately 2300 Attended the Keynote Session



# The Saint Louis Climate Summit was a Community Effort

## SAINT LOUIS CLIMATE SUMMIT PARTNERS



## SAINT LOUIS CLIMATE SUMMIT SPONSORS

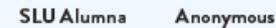
### EXOSPHERE



### THERMOSPHERE



### MESOSPHERE



### STRATOSPHERE



### TROPOSPHERE



# Entire Climate Summit Broadcast Live on Website in Real Time

<https://www.youtube.com/watch?v=lqigRorqtIM>



# Final Steps: Document the Event

## Publication of Conference Proceedings

- **Book Format**
- **Video Format**
  - All talks available on YouTube
  - **PBS TV Special**



**Jim Kirchherr: Producer**

- **National Distribution through PBS**



**Trudy Busch Valentine:**



## **Guest commentary: Yes, let's start the revolution here**

- "I hope St. Louisans will help us raise awareness about these increasingly urgent climate issues by attending a high-profile "Environmental Preservation Day" at Grant's Farm. This can renew the farm's regional relevance and honor all St. Louisans..."

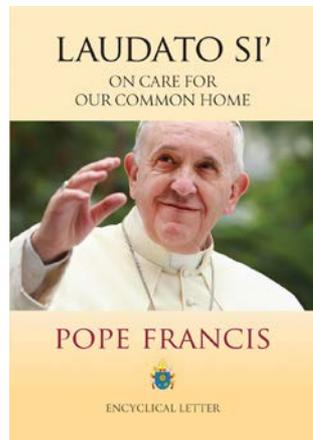
**ST. LOUIS POST-DISPATCH**

# In Summary

## ***Trudy Busch Valentine:***

**Guest commentary: Yes, let's start the revolution here:**

“I hope St. Louisans will help us raise awareness about these increasingly urgent climate issues by attending a high-profile "Environmental Preservation Day" at Grant's Farm. This can renew the farm's regional relevance and honor all St. Louisans...”



Climate change is a problem which can no longer be left to a future generation. When it comes to the care of our “common home,” we are living at a critical moment in history  
--Pope Francis