

Environmental
Science
and
Public Health

A Mini-Symposium
Environmental Science Institute
University of Texas
Austin, Texas.

About:

Abi Oluyomi, PhD

Environmental Epidemiology

Public Health

Urban Planning

Principal Consultant
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Research Collaborator
University of Texas School of Public Health

Current research focus:

pertinent findings

Built Environment, Transportation & Health (Children^{**})

Light rail + Development Changes + Health-related Behaviors (Physical Activity)

Data collection stage / Natural Experiment Challenges / Built Environment Audits

Others

TCOPPE: policy and environmental changes vs. active commuting to school

TX-CORD: family, policy and environmental changes vs. obesity in children

Interdisciplinary collaboration:

projects & collaborators

Teasing out the Facts on the Potential Health Impacts of Climate Variability and Change

Assessing the Weight of Evidence

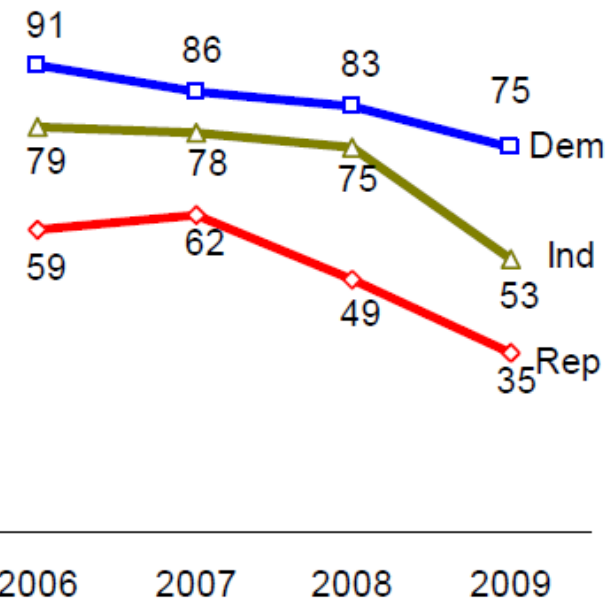
National Environmental Public Health Conference, 2009.

denverpost.com
THE DENVER POST

nation and world

Poll finds that U.S. belief in global warming is cooling

Across Partisan Lines, Fewer See Solid Evidence of Global Warming



Interdisciplinary collaboration:

projects & collaborators

TECHNICAL REPORT

Global Climate Change and Children's Health



Katherine M. Shea, MD, MPH, and the Committee on Environmental Health

INTRODUCTION

Scientists¹ and governments² concur that Earth is warming; rapid global climate change is underway, and human activities are very likely (>90% probability) the main cause. Adverse human health and ecosystem consequences are anticipated,³ and some are already being measured. Physicians have written on the projected effects of climate change on public health,^{4,5} but little has been written specifically about anticipated effects of climate change on children's health.⁶

Children represent a particularly vulnerable group that is likely to suffer disproportionately from both direct and indirect adverse health effects of climate change.⁷ Pediatric health care professionals must understand the escalating nature

2007

Learn more about becoming an engineer
See the video

OPINION

As Texas Dries Out, Life Falters and Fades



of its ever popular boat ramps. Local television crews regularly cook food on car dashboards to show how hot it is: in Austin they baked a batch of cookies. Not to be outdone, a crew up in Oklahoma grilled a steak.



A dry river bed in Comal County, Tex., in July.












By RICHARD PARKER

Dan Borris for The New York Times

2011

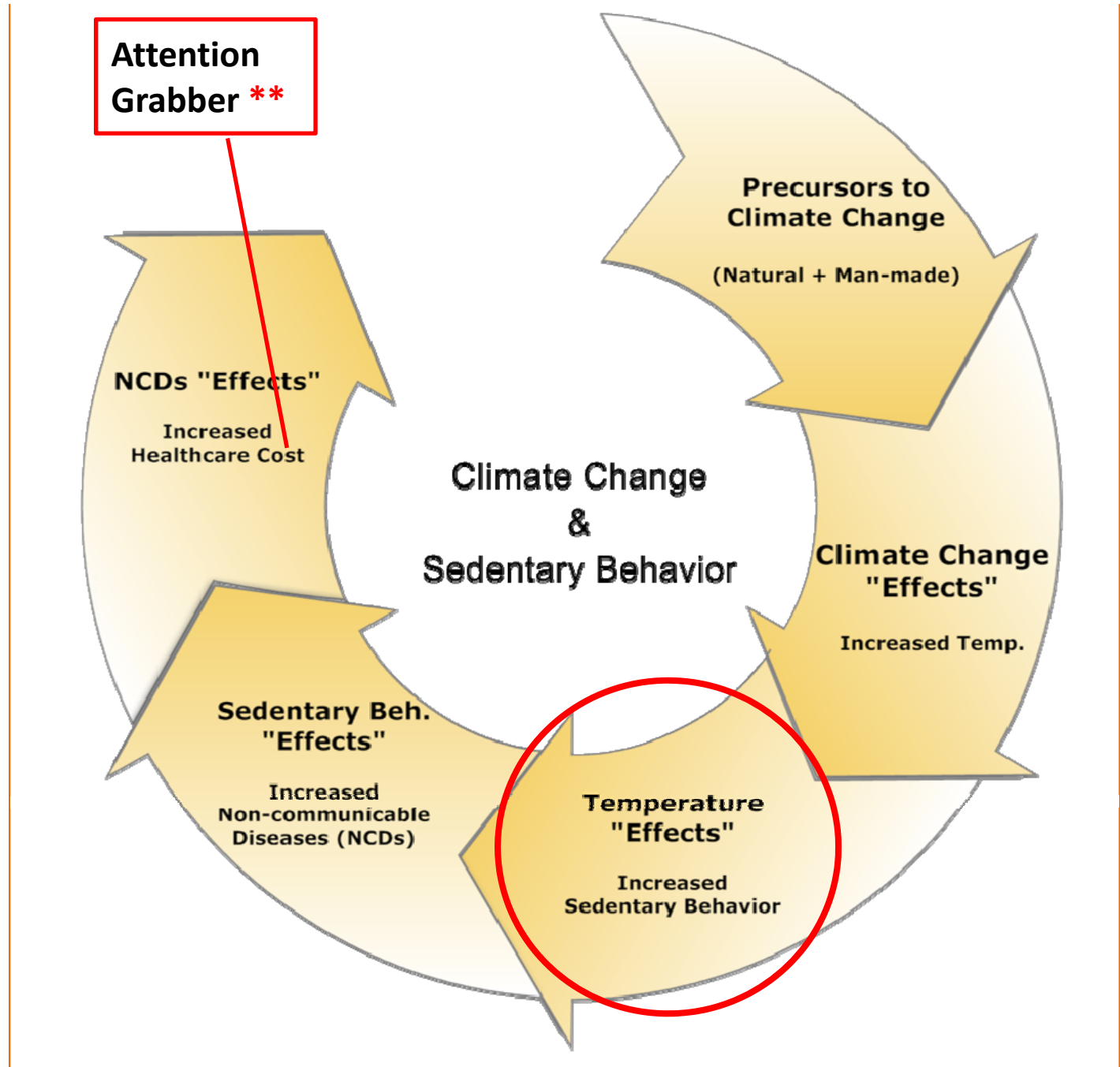
Interdisciplinary collaboration:

projects & collaborators

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 AUSTIN-CITY	8/16/2012 3:11 PM	File folder
 CAROLYN	2/4/2013 12:53 PM	File folder
 CASEY	10/24/2012 11:13 ...	File folder
 CDC_Grant	11/9/2011 4:18 PM	File folder
 CLIMATEGATE	2/7/2012 7:44 PM	File folder
 EILEEN	1/11/2013 11:15 A...	File folder
 EMILY	3/14/2013 3:41 PM	File folder
 ENDNOTES	4/11/2012 11:03 A...	File folder
 ESI	10/5/2011 3:10 PM	File folder
 GIS_General	10/31/2011 1:35 PM	File folder

430 Files + 17 Folders.

Interdisciplinary collaboration:
projects & collaborators



Challenges and opportunities:

resources & partners

Given the proper resources and colleagues!

1. **Encourage schools** and departments within the health and environmental sciences fields to **deliberately incorporate** cross-cutting themes / topics into their respective curriculum.
2. Somehow **create the time** to reach out to others, and be able to **maintain** the connections.
3. For funding opportunities; **creatively insert research ideas** from one field (secondary party) into the other field (primary party), when the primary party is planning a grant submission.

Thank You

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Assess / Innovate / Create

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