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Introduction

- Climate Change (CC) results from greenhouse gases (N2, Methane, C02) trapping heat from the sun.
- Contributors include energy, agriculture, industry (99% of plastic is from fossil fuels) & transportation.
- Leads to air pollution, infections, lack of food/water, extreme weather events, mental illness and death.
- 15 billion-dollar disaster events/year for last 3 years.
- The effects disproportionately impact racial minorities and low-income families.
- 57% USA are unsure as to the effects of CC.

Materials

- How Lane parents completed survey (10 qs) via email (offered in English/Spanish) pre & post intervention. Followed by education and community event.

Results

- 140 participants enrolled, 70 study replies.
- 40% white, 19% AA, 23% Latinx. 37% had child with chronic disease.
- Only 6% participants listed food as a contributor to CC, despite agriculture = 25% global emissions.

Summary

- “Climate Change is the biggest global health threat of the 21st century.”
- There is a significant lack of understanding about climate change and an unwillingness to make personal change.
- 1/3 of respondents do not rate their concern as ‘high’. Work is desperately needed to educate the public.

References

- NASA. 2020. Global Climate Change (Vital Signs of the Planet).

Acknowledgments

- Dr Pelliccia, Prof B Chain  
- Saint Peter’s University Hospital  
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- AAP NJ Climate Change Committee  
- Rutgers Climate Alliance  
- Participants of study

Figures

- Figure 1 & 2: NASA. 2020. Global Climate Change (Vital Signs of the Planet)