

HOW GLOBAL WARMING IS MAKING ALLERGIES WORSE



Higher temperatures, CO₂ drive up pollen counts, extend allergy

Suggested Date of Use: Generic

National Jewish Health

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SUGGESTED TEASE	STILL TO COME, IF YOUR SPRINGTIME ALLERGIES SEEM TO BE STARTING EARLIER THAN EVER, YOU'RE NOT ALONE. WHY DOCTORS ARE SEEING A SURGE IN ALLERGIES.. AND WHAT GLOBAL WARMING MAY HAVE TO DO WITH IT, NEXT IN HEALTH NEWS.
ANCHOR LEAD	IF YOU ARE ONE OF THE 40-MILLION AMERICANS WHO SUFFERS FROM SEASONAL ALLERGIES, ¹ BRACE YOURSELF - THIS COULD BE A ROUGH YEAR. DOCTORS SAY THEY ARE ALREADY SEEING A SURGE OF SPRINGTIME ALLERGIES - AND GLOBAL WARMING COULD MAKE THINGS WORSE FOR A LONG TIME TO COME. WITH DETAILS, HERE'S CLARK POWELL.
	(Nats - Taking tissue from box) :02
CG: Courtesy: National Jewish Health Shots of Janet with tissues at desk Shots of Janet getting tested	IT USED TO BE THAT JANET CLEMENT WOULDN'T NEED A BOX OF TISSUES NEARBY UNTIL WELL INTO SPRING. BUT THAT'S CHANGED. HER ALLERGIES HAVE GOTTEN SO BAD, THAT BARELY INTO THE NEW YEAR, SHE DECIDED TO SEE A SPECIALIST. :11
CG: Janet Clement Allergies are getting worse :11 - :18	"You don't typically have allergies in the winter, so that's really a reason I came back, is to try to figure out what's going on there." :07
Shots of blood test Shot of nurse Shot of building - pan - to sun	TO FIND OUT, JANET WENT TO THE ALLERGY EXPERTS AT NATIONAL JEWISH HEALTH IN DENVER. AFTER ANALYZING HER ALLERGIES, DOCTORS HERE SAY AT LEAST PART OF JANET'S CHANGE, MAY BE DUE TO CLIMATE CHANGE. :11
CG: Richard Weber, MD National Jewish Health :29 - :34	"With the increased temperature, many plants tend to pollinate earlier in the season." :05
Shots of Dr. Weber walking in and examining a patient Shots of park / trees / sunshine	DOCTOR RICHARD WEBER IS AN ALLERGIST AND RESEARCHER WHO SAYS THERE MAY BE DEBATE OVER WHAT'S CAUSING CLIMATE CHANGE, BUT THERE'S NO DOUBT IT'S HAPPENING. TEMPERATURES AND CARBON DIOXIDE LEVELS ARE
Shots of joggers in park	BOTH ON THE RISE AND IF YOU HAVE ALLERGIES, YOU MAY BE PAYING THE PRICE. :14
	(Nats - Pollen sample collection) :01
Shots of pollen collection site /holding up pollen slide Graphic: Global Warming's Impact on Allergies 385 plant species blooming earlier Ragweed season up to 27 days longer	AT POLLEN COLLECTION STATIONS LIKE THIS AROUND THE WORLD, RESEARCHERS ARE FINDING A SIMILAR TREND. WEBER RECENTLY PUBLISHED A STUDY ON GLOBAL WARMING'S IMPACT ON ALLERGIES, NOTING THAT - 385 PLANT SPECIES IN EUROPE ARE BLOOMING EARLIER THAN EVER. ² AND IN THE U-S AND CANADA, RAGWEED SEASON IS NEARLY A MONTH LONGER. ² :19

Dr. Weber (CG'd earlier)	<p>“And not only that, they’re producing more pollen. So, pollen counts are going up, and in some cases, dramatically so.” :09</p>
<p>Shots of trees in park</p> <p>Shots of Janet using tissues</p> <p>Wide shot of runner in park</p>	<p>UNFORTUNATELY, WEBER SAYS IT WILL BE THAT WAY FOR DECADES TO COME. SO, IF YOU HAVE SEASONAL ALLERGIES, BE READY FOR SOME SEASONS TO LAST LONGER, AND SOME ALLERGIES TO COME ON STRONGER.</p> <p>AT NATIONAL JEWISH HEALTH IN DENVER, THIS IS CLARK POWELL REPORTING. :14</p>
ANCHOR TAG	<p>BECAUSE POLLEN IS STRONGER AND IS BECOMING MORE PREVALENT, EXPERTS PREDICT MANY PEOPLE WHO DON’T ALREADY HAVE SEASONAL ALLERGIES WILL GET THEM IN THE COMING YEARS.</p> <p>DOCTOR WEBER SAYS DIFFERENT PARTS OF THE COUNTRY WILL DEAL WITH DIFFERENT ALLERGENS THIS YEAR. YOU CAN TAKE A LOOK AT HIS PREDICTIONS BY GOING TO OUR WEBSITE.</p>
 Share it! Suggested tweet:	<p>Do your allergies seem to be getting worse? Experts @NJHealth say global warming may be partly to blame. Details at: http://bit.ly/13BXiVd</p>
 Suggested post:	<p>If your allergies seem to be getting worse, you’re not alone. Doctors say some allergies are starting earlier and lasting longer - thanks, in part to global warming. See what researchers have found and how it might affect you at: http://bit.ly/13BXiVd</p>
References -	<p>¹<i>Allergy Facts and Figures, Asthma and Allergy Foundation of America</i>, March 2013. Online: http://www.aafa.org/display.cfm?id=9&sub=30</p> <p>²<i>Impact of climate change on aeroallergens, Annals of Allergy, Asthma & Immunology, Volume 108, Number 5</i>, May 2012. Online: http://www.annallergy.org/article/S1081-1206(11)00907-0/fulltext</p>
	<p style="text-align: center;">Extra Bites</p>
CG: Richard Weber, MD National Jewish Health	<p><i>Dr. Weber talks about the role of carbon dioxide -</i> “With the combination of increased temperature and also, especially, increased carbon dioxide, that carbon dioxide is somewhat of a stimulant for the plant, and so the plants increase in size.” :13</p> <p><i>Dr. Weber talks about the impact on plants -</i> “A year ago, we saw pollen counts of certain trees that were about 3 times higher than what we normally would see in years past.” :08</p> <p><i>Dr. Weber talks about the changes in the length of allergy seasons -</i> “Not only that it’s starting earlier, but it’s persisting as long as it usually did, and so the season has broadened out, so we’re dealing with a much longer exposure.” :09</p>

<p>CG: Janet Clement Allergies are getting worse</p>	<p><i>Janet talks about her symptoms -</i> “I don’t have the classic allergy symptoms. This year it was more, made me really tired and things like that. So, not just the stuffed up nose and what you typically think of.” :10</p> <p><i>Janet talks about the difference in her allergies this year -</i> “I’ve had allergies for, you know mild seasonal allergies, but this year they got really bad and I was trying to figure out what was going on. I actually never knew I had them so bad until I got tested.” :11</p> <p><i>Janet talks about the need to see a specialist for the first time -</i> “In the past I’ve taken Claritin and things like that to try to, over-the-counter things to try to help them, but I think really this year I needed something more.” :08</p>
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