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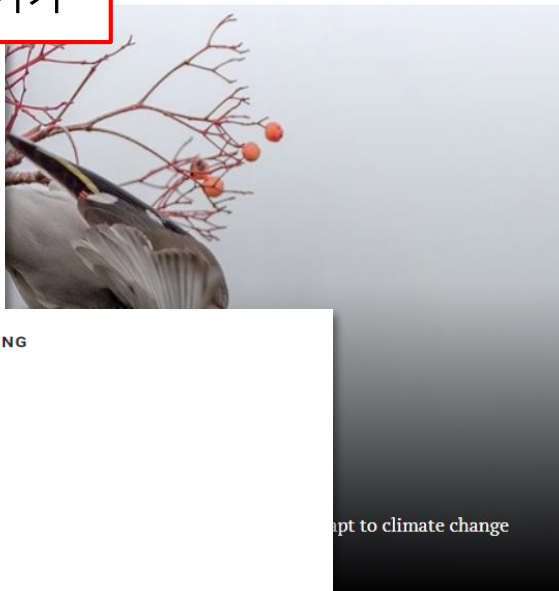
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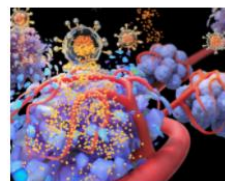
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NEWS FEATURE | 13 JAN 2022

In a conservation first, a cloned ferret could help save her species

BY RACHEL FRITTS



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13 JAN 2022

In a conservation first, a cloned ferret could help save her species

13 JAN 2022

World's largest fish breeding grounds found under the Antarctic ice

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사설

“

When attention is too focused on charisma and a certain amount of fakery is considered acceptable, reality can be overcome by hype.

EDITORIAL | 14 JANUARY 2022 | H. HOLDEN THORP

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SCIENCE Volume 375 | Issue 6577 | January 2022

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PERSPECTIVES BY TAHIRA REID, JAMES GIBERT, ET AL.

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REPORTS BY XIAOMENG LIU, J. I. A. LI, ET AL.

Crossover between strongly coupled and weakly coupled exciton superfluids

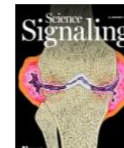
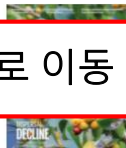
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Addressing the human cost in a changing climate

BY BINA DESAI, DAVID N. BRESCH, CHRISTELLE CAZABAT, STEFAN HOCHRAINER-STIGLER, REINHARD MECHLER, SYLVIA...



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VOL. 372, NO. 6548 • 18 JUN 2021 : 1284-1287

PERSPECTIVE

Transformational ecology and climate change

BY STEPHEN T. JACKSON • SCIENCE • VOL. 373, NO. 6559 • 01 SEP 2021 : 1085-1086

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How ambitious are oil and

BY SIMON DIETZ, DAN GARDINER, VALENTIN JA

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Journal Page - TOC

The screenshot displays the Science journal website interface. At the top, a navigation bar includes 'NEWS', 'CAREERS', 'COMMENTARY', 'JOURNALS', and 'COVID-19'. The 'Science' logo is prominently displayed. A secondary navigation bar below it features 'Current Issue', 'First release papers', 'Archive', 'About', and a 'Submit manuscript' button. A search icon, 'LOG IN', and 'BECOME A MEMBER' button are also present. The main content area shows the current issue details: 'SCIENCE VOLUME 375 | ISSUE 6577 | 14 JAN 2022'. A featured article cover is shown with the title 'DISPERSAL DECLINE'. Below the cover, there is a 'COVER:' section with a detailed description of a blue-throated barbet eating a fig. A 'VIEW MORE' link is provided. To the right, there are navigation buttons for '< PREVIOUS', 'ALL ISSUES', and 'NEXT >'. On the left side, a vertical sidebar lists various sections: EDITORIAL, NEWS, IN BRIEF, IN DEPTH, FEATURE, INSIGHTS, PERSPECTIVES, POLICY FORUM, BOOKS ET AL., LETTERS, RESEARCH, IN SCIENCE JOURNALS, IN OTHER JOURNALS, RESEARCH ARTICLES, REVIEWS, REPORTS, TECHNICAL COMMENTS, and CAREERS. The main article list includes 'When hyping technology is a crime' by H. Holden Thorp and 'Lessons learned from leading NIH' by Francis S. Collins. A 'THIS WEEK'S PODCAST' section features a podcast titled 'Cloning for conservation, and divining dynamos on super-Earths'. A red box highlights the left sidebar, and another red box highlights the article list items. A third red box highlights the 'PREVIOUS', 'ALL ISSUES', and 'NEXT' buttons. A fourth red box highlights the 'Submit manuscript' button. A fifth red box highlights the 'GET OUR E-ALERTS' button. A sixth red box highlights the 'DISPERSAL DECLINE' cover image. A seventh red box highlights the 'COVER:' section. 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C RESEARCH ARTICLE | CORONAVIRUS

E f t in r s e

Impact of community masking on COVID-19: A cluster-randomized trial in Bangladesh

A JASON ABALUCK , LAURA H. KWONG , ASHLEY STYCZYNSKI , ASHRAFUL HAQUE , MD. ALAMGIR KABIR , ELLEN BATES-JEFFERYS, EMILY CRAWFORD, JADE BENJAMIN-CHUNG , SHABIB RAIHAN , [...] AHMED MUSHFIQ MOBARAK  +13 authors [Authors Info & Affiliations](#)

SCIENCE • 2 Dec 2021 • Vol 375, Issue 6577 • DOI: 10.1126/science.abi9069

35,515

D 🔔 📖 🗨️ 📄

Persuading people to mask

Even in places where it is obligatory, people tend to optimistically overstate their compliance for mask wearing. How then can we persuade more of the population at large to act for the greater good? Abaluck *et al.* undertook a large, cluster-randomized trial in Bangladesh involving hundreds of thousands of people (although

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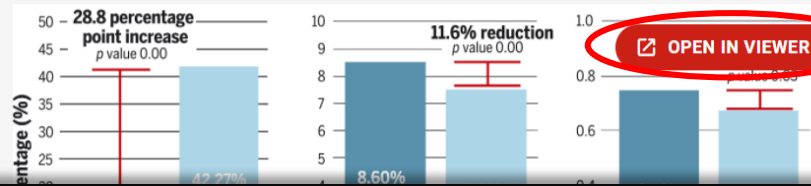
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CONCLUSION

A randomized-trial of community-level mask promotion in rural Bangladesh during the COVID-19 pandemic shows that the intervention increased mask usage and reduced symptomatic SARS-CoV-2 infections, demonstrating that promoting community mask-wearing can improve public health.



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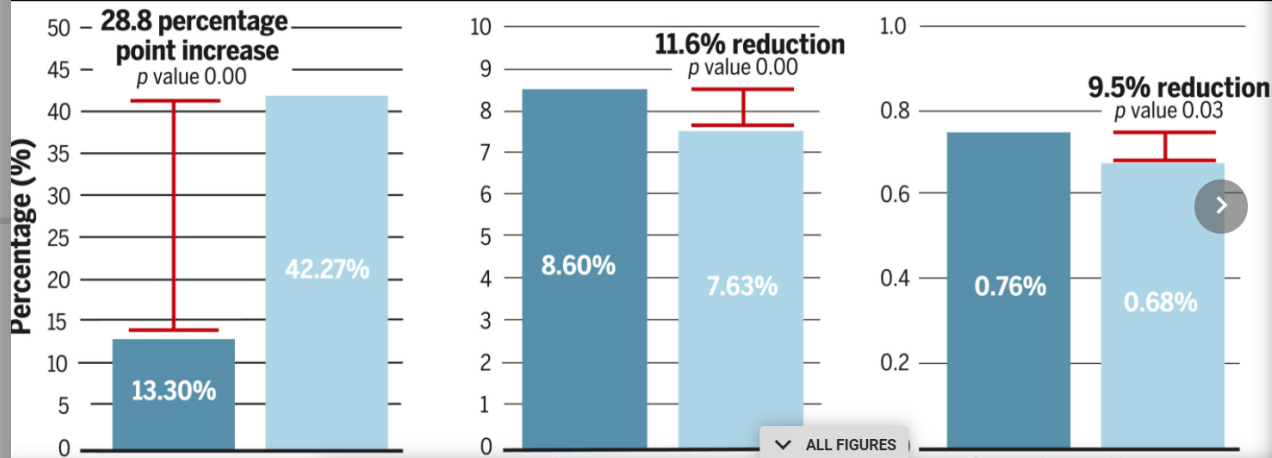
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Impact of intervention on mask use and COVID-19 outcomes. The figure shows the raw means of mask use (left), COVID-19 symptoms (middle), and symptomatic seropositivity (right) in the control and treatment arms. The estimated change in each outcome, confidence intervals, and p values adjust for preregistered covariates (and thus are not computable from the raw values). Individuals who were symptomatic but did not consent to blood collection were dropped from the sample; measured symptomatic seropositivity thus understates the true fraction of the population that was symptomatic seropositive.

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ence ratio = 0.65 [0.45, 0.85]). Mask distribution with promotion was a scalable and effective method to reduce symptomatic SARS-CoV-2 infections.

As of September 2021, the COVID-19 pandemic has taken the lives of more than 4.7 million people. Inspired by the growing body of scientific evidence that face masks have the potential to slow the spread of the disease and save lives (1-10), we conducted a cluster-randomized controlled trial covering 342,183 adults in 600 villages in rural Bangladesh with the dual goals of (i) identifying community-wide mask-wearing and (ii) tracking changes in community-wide symptomatic respiratory syndrome coronavirus 2 (SARS-CoV-2) infections as a result of our intervention. Although vaccines may constrain the spread of SARS-CoV-2 in the long-term, it is unlikely that a substantial fraction of the population in low- and middle-income countries will have access to vaccines before the end of 2021 (11). Developing scalable and effective means of combating COVID-19 is thus of first-order policy importance.

The World Health Organization (WHO) declined to recommend mask adoption until June 2020, citing the lack of evidence from community-based randomized-controlled trials as well as concerns that mask-wearing would create a false sense of security (12). Critics argued that those who wore masks would engage in compensating behaviors, such as failing to physically distance from others, resulting in a net increase in transmission (13). We directly test this hypothesis by measuring physical distancing.

We designed our trial to encourage universal mask-wearing at the community level,

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