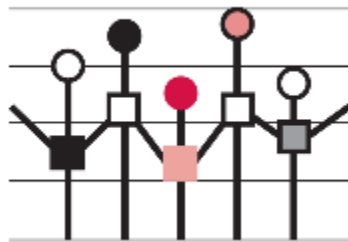




## Population Health Sciences

UW-Madison School of Medicine and Public Health

# Fall 2021 Newsletter



### Give a Gift

To make a contribution to the Graduate Program  
for student educational purposes, please click [here](#)

---

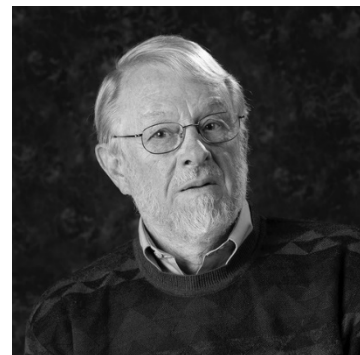
## Chair's Note

Fall 2021 marks our second fall semester under the cloud and constraints of the COVID-19 pandemic. The events of the past year and a half have been difficult on several fronts and have thrown into stark relief racial disparities and other injustices that have persisted in our country for too long. During this time, I am thankful for the many positive impacts -- from local to global -- that are being made by members of the Department of Population Health Sciences. Despite unrivaled challenges, PHS members have grown in number; been productive academically and in their research (publishing papers, winning awards, leading new research); returned to teaching in person; served on committees and taskforces (including those to address racism, climate change and other public health crises); and provided expertise to the COVID response. In this issue of the PHS newsletter, you will find just a sampling of some of our contributions and achievements.



---

**David Kindig Receives  
IAPHS J. Michael  
McGinnis Leadership  
Excellence Award**



Emeritus Professor of Population Health Sciences Dr. David Kindig earned the 2021 J. Michael McGinnis Leadership Excellence Award from the Interdisciplinary Association for Population Health Science.

[Read More](#)

---

## Welcome Dr. Jessica Cao

Population Health Sciences welcomed new Assistant Professor Dr. Jessica Cao in Fall of 2020.



[Read More](#)

---

## Tiffany Green Honored with Labelle Lectureship

Assistant Professor of Population Health Sciences and Obstetrics & Gynecology, Tiffany Green, was awarded McMaster University's 2020 Labelle Lectureship by the Center for Health Economics and Policy Analysis (CEPHA). Dr. Green's lecture, "Saving Black Women and



Babies: Leveraging Data and Community Engagement to Achieve Health Equity", took place virtually on November 11th, 2020.

[Read More](#)

---

## Kristen Malecki appointed as Center for Urban Population Health (CUPH) Director



Population Health Sciences Associate Professor Dr. Kristen Malecki was appointed as CUPH's new director, effective July 1, 2021. The Center for Urban Population Health (CUPH) is a multi-institutional collaboration between the University of Wisconsin-Madison School of Medicine and Public Health, the University of Wisconsin-Milwaukee, and Advocate Aurora Research Institute.

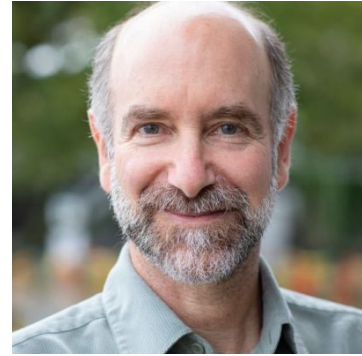
[Read More](#)

---

---

## Jonathan Patz Elected to the National Academy of Medicine

Dr. Patz, Professor of Population Health Sciences and Director of the Global Health Institute, known for his work examining the effects of global environmental change on the health of populations, was elected to the National Academy of Medicine in late 2020.



[Read More](#)



## Final wave of Past Antibody COVID-19 Community Survey results

The Wisconsin Department of Health Services (DHS) and the Survey of the Health of Wisconsin launched the Past Antibody COVID-19 Community Survey (PACCS) in June of 2020. The most recent third and final wave of the survey

---

from June 2021 shows more than 11% of participants had a positive COVID antibody test, which is nearly double the December 2020 results of 6.8%.

Read More

---

## Sheri Johnson in the US DHHS Healthy People Initiative

Associate Professor of Population Health Sciences and Director of the Population Health Institute, Sheri Johnson, is part of the US Department of Health and Human Services' team who are selecting the leading indicators for Healthy People 2030.



Read More

---

## Mari Palta on Medical Decision Making Journal Board

Professor Emeritus, Mari Palta, has joined the editorial board of the SAGE Journal, [Medical Decision Making](#).



---

## Leonelo Bautista Awarded Decree of Honor

Associate Professor, Leonelo Bautista, has been recognized with a "Decree of Honor" by the city of Bucaramanga, Colombia, for his participation in their Epidemiology Advisory Committee, which advises the city on issues related to the control and management of the COVID-19 epidemic in the city.



---

## Ajay Sethi reflects on over 300 interviews from the past year and half of the COVID-19 Pandemic

Dr. Ajay Sethi was recently featured in the University of Wisconsin news article, "300 interviews: Ajay Sethi's pandemic pivot", where he reflects on the past year and a half of providing COVID-19 expertise to the Madison community, Wisconsin, and beyond.



[Read More](#)

---

---

# Congratulations to all 2020-2021 Population Health Sciences Award Winners

The following individuals won major faculty awards in the 2020-2021 academic year:

- [Ajay Sethi, Chancellor's Distinguished Teaching Award](#)
- [Jonathan Patz, WARF Named Professorship- Tony J. McMichael Professor of Planetary Health](#)
- [Kristen Malecki, HI Romnes Faculty Fellowship](#)
- [Javier Nieto, WMAA Basic Sciences Emeritus Faculty Award](#)

---

## Recent Publications:

- **Astor BC**, Hirschman K, Kennedy J, Frinak S, Besarab A. [Development and validation of a risk score to prioritize patients for evaluation of access stenosis](#). Semin Dial. 2021 Oct 12. doi: 10.1111/sdi.13026. Epub ahead of print. PMID: 34642963.
  - **Astor BC**. [What is the Best Alternative for Highly Sensitized Patients Awaiting Kidney Transplantation?](#) Kidney Int Rep. 2021 Sep 1;6(10):2533-2534. doi: 10.1016/j.ekir.2021.08.022. PMID: 34622092; PMCID: PMC8484500.
  - **Bautista LE**, Rueda-Ochoa OL. [Methodological challenges in studies of the role of blood lipids variability in the incidence of cardiovascular disease](#). Lipids Health Dis. 2021 May 19;20(1):51. doi: 10.1186/s12944-021-01477-x. PMID: 34006280; PMCID: PMC8132417.
  - **Burns ME**, Cook ST, Brown L, Tyska S, Westergaard RP. [Increasing Medicaid enrollment among formerly incarcerated adults](#). Health Serv
-



- Res. 2021 Aug;56(4):643-654. doi: 10.1111/1475-6773.13634. Epub 2021 Feb 9. PMID: 33565117; PMCID: PMC8313952.
- **Cao YJ**, Nie J, Noyes K. [Inpatient rehabilitation service utilization and outcomes under US ACA Medicaid expansion.](#) BMC Health Serv Res. 2021 Mar 20;21(1):258. doi: 10.1186/s12913-021-06256-z. PMID: 33743706; PMCID: PMC7981887.
  - Sagorac Gruichich T, David Gomez JC, Zayas-Cabán G, McInnis MG, **Cochran AL**. [A digital self-report survey of mood for bipolar disorder.](#) Bipolar Disord. 2021 Feb 15:10.1111/bdi.13058. doi: 10.1111/bdi.13058. Epub ahead of print. PMID: 33587813; PMCID: PMC8364560.
  - **Cruickshanks KJ**, Nondahl DM, Fischer ME, Schubert CR, Tweed TS. [A Novel Method for Classifying Hearing Impairment in Epidemiological Studies of Aging: The Wisconsin Age-Related Hearing Impairment Classification Scale.](#) Am J Audiol. 2020 Mar 5;29(1):59-67. doi: 10.1044/2019\_AJA-19-00021. Epub 2020 Feb 3. PMID: 32011900; PMCID: PMC7229775.
  - Furnier SM, **Durkin MS**, Baker MW. [Translating Molecular Technologies into Routine Newborn Screening Practice.](#) Int J Neonatal Screen. 2020 Oct 15;6(4):80. doi: 10.3390/ijns6040080. PMID: 33124618; PMCID: PMC7712315.
  - Rubenstein E, **Ehrenthal DB**, **Mallinson DC**, Bishop L, Kuo HH, **Durkin MS**. [Birth outcomes affecting infants of mothers with intellectual and developmental disabilities.](#) Paediatr Perinat Epidemiol. 2021 May 6. doi: 10.1111/ppe.12765. Online ahead of print. PMID: 33956997
  - Dong R, Darst BF, Deming Y, Ma Y, Lu Q, Zetterberg H, Blennow K, Carlsson CM, Johnson SC, Asthana S, **Engelman CD**. [CSF metabolites associate with CSF tau and improve prediction of Alzheimer's disease status.](#) Alzheimers Dement (Amst). 2021 May 1;13(1):e12167. doi: 10.1002/dad2.12167. PMID: 33969169; PMCID: PMC8087982.
  - **Green T**, Shipman J, Valrie C, Corona R, Kohlmann T, Valiani S, Hagiwara N. [Discrimination and Health Among First-Generation Hispanic/Latinx Immigrants: the Roles of Sleep and Fatigue.](#) J Racial
-

Ethn Health Disparities. 2021 Oct 4. doi: 10.1007/s40615-021-01149-7. Epub ahead of print. PMID: 34606072.

- **Green TL**, Zapata JY, Brown HW, Hagiwara N. [Rethinking Bias to Achieve Maternal Health Equity: Changing Organizations, Not Just Individuals](#). Obstet Gynecol. 2021 May 1;137(5):935-940. doi: 10.1097/AOG.0000000000004363. PMID: 33831936; PMCID: PMC8055190.
  - **Givens ML**, Gennuso KP, Pollock EA, **Johnson SL**. [Deconstructing Inequities - Transparent Values in Measurement and Analytic Choices](#). N Engl J Med. 2021 May 13;384(19):1861-1865. doi: 10.1056/NEJMms2035717. PMID: 33979494.
  - Schmidt CW, Snedden TR, **Malecki KM**, **Gangnon RE**, Eggers SI, **Kanarek MS**. [Bicycling Rates and the Prevalence of Bicycle Helmet Usage in Wisconsin](#). WMJ. 2020 Jun;119(2):91-95. PMID: 32659060.
  - Bryant A, Walsh-Felz A, Jacklitz J, **Lindberg S**. [The Impact of a Community Resource Navigator Program on Patient Trust](#). WMJ. 2020 Sep;119(3):190-193. PMID: 33091287.
  - **Malecki KMC**, **Nikodemova M**, **Schultz AA**, LeCaire TJ, Bersch AJ, Cadmus-Bertram L, **Engelman CD**, **Hagen E**, **Palta M**, **Sethi AK**, Walsh MC, Nieto FJ, **Peppard PE**. [The Survey of the Health of Wisconsin \(SHOW\) Program: An infrastructure for Advancing Population Health Sciences](#). medRxiv [Preprint]. 2021 Apr 7:2021.03.15.21253478. doi: 10.1101/2021.03.15.21253478. PMID: 33851173; PMCID: PMC8043470.
  - **Mullahy J**. [Discovering treatment effectiveness via median treatment effects-Applications to COVID-19 clinical trials](#). Health Econ. 2021 May;30(5):1050-1069. doi: 10.1002/hec.4233. Epub 2021 Mar 5. PMID: 33667329; PMCID: PMC8068615.
  - **Mullahy J**, Venkataramani A, Millimet DL, Manski CF. [Embracing Uncertainty: The Value of Partial Identification in Public Health and Clinical Research](#). Am J Prev Med. 2021 Aug;61(2):e103-e108. doi: 10.1016/j.amepre.2021.01.041. Epub 2021 Jun 24. PMID: 34175173.
-

- **Myerson R**, Crawford S, Wherry LR. [Medicaid Expansion Increased Preconception Health Counseling, Folic Acid Intake, And Postpartum Contraception](#). Health Aff (Millwood). 2020 Nov;39(11):1883-1890. doi: 10.1377/hlthaff.2020.00106. PMID: 33136489; PMCID: PMC7688246.
  - **Ouayogodé MH**, Schnier KE. [Patient selection in the presence of regulatory oversight based on healthcare report cards of providers: the case of organ transplantation](#). Health Care Manag Sci. 2021 Mar;24(1):160-184. doi: 10.1007/s10729-020-09530-4. Epub 2021 Jan 8. PMID: 33417173; PMCID: PMC7791538.
  - **Ouayogodé MH**, Meara E, Ho K, Snyder CM, Colla CH. [Estimates of ACO savings in the presence of provider and beneficiary selection](#). Healthc (Amst). 2021 Mar;9(1):100460. doi: 10.1016/j.hjdsi.2020.100460. Epub 2021 Jan 4. PMID: 33412439; PMCID: PMC7887069.
  - Hou X, Gao S, Li Q, Kang Y, Chen N, Chen K, Rao J, Ellenberg JS, **Patz JA**. [Intracounty modeling of COVID-19 infection with human mobility: Assessing spatial heterogeneity with business traffic, age, and race](#). Proc Natl Acad Sci U S A. 2021 Jun 15;118(24):e2020524118. doi: 10.1073/pnas.2020524118. PMID: 34049993; PMCID: PMC8214685.
  - **Patz JA**, Siri JG. [Toward Urban Planetary Health Solutions to Climate Change and Other Modern Crises](#). J Urban Health. 2021 Jun;98(3):311-314. doi: 10.1007/s11524-021-00540-3. PMID: 33988826; PMCID: PMC8121015.
  - Cook JD, **Peppard PE**, Blair EE, Tran KM, Hertting MC, Plante DT. [Associations of school night sleep duration and circadian preference with middle school-aged student attendance, tardiness, and suspension](#). Sleep Health. 2021 Oct 9:640. doi: 10.1016/j.sleh.2021.08.004. Epub ahead of print. PMID: 34642122.
  - Alagoz O, **Sethi AK**, Patterson BW, Churpek M, Alhanaee G, Scaria E, Safdar N. [The impact of vaccination to control COVID-19 burden in the United States: A simulation modeling approach](#). PLoS One. 2021 Jul 14;16(7):e0254456. doi: 10.1371/journal.pone.0254456. PMID: 34260633; PMCID: PMC8279349.
-

- **Smith MA**, Hendricks KA, Bednarz LM, Gigot M, Harburn A, Curtis KJ, Passmore SR, Farrar-Edwards D. [Identifying Substantial Racial and Ethnic Disparities in Health Outcomes and Care in Wisconsin Using Electronic Health Record Data.](#) WMJ. 2021 Mar;120(S1):S13-S16. PMID: 33819397.
- **Trentham-Dietz A**, Alagoz O, Chapman C, Huang X, Jayasekera J, van Ravesteyn NT, Lee SJ, Schechter CB, Yeh JM, Plevritis SK, Mandelblatt JS; Breast Working Group of the Cancer Intervention and Surveillance Modeling Network (CISNET). [Reflecting on 20 years of breast cancer modeling in CISNET: Recommendations for future cancer systems modeling efforts.](#) PLoS Comput Biol. 2021 Jun 17;17(6):e1009020. doi: 10.1371/journal.pcbi.1009020. PMID: 34138842; PMCID: PMC8211268.
- Petrick JL, Barber LE, **Warren Andersen S**, Florio AA, Palmer JR, Rosenberg L. [Racial Disparities and Sex Differences in Early- and Late-Onset Colorectal Cancer Incidence, 2001-2018.](#) Front Oncol. 2021 Sep 9;11:734998. doi: 10.3389/fonc.2021.734998. PMID: 34568072; PMCID: PMC8459723.



---

[Population Health Institute](#) | [School of Medicine & Public Health](#) | [SHOW](#) | [HIP](#)

[Population Health Sciences](#)

610 Walnut St, Madison, WI | 608.263.2880 | [pophealth@mailplus.wisc.edu](mailto:pophealth@mailplus.wisc.edu)