FALL 2021 NEWSLETTER
2020 Kansas Statistical Abstract Now Available

The newest edition of the Kansas Statistical Abstract is now available. This document, with the latest available data, offers information about Kansas across 16 categories, including population and vital statistics and health. The Institute for Policy & Social Research publishes this compendium of data annually.

This 55th edition of the Abstract is informed in part by data collected during the 2020 US Census. Conducted every 10 years, the census aims to count each person in the country. Official population counts generated in each decennial census determine representation in the US Congress and
apportion federal funding for states.

The enhanced edition of the Abstract is available online: https://ipsr.ku.edu/ksdata/ksah/ksa34.shtml

Thanks to the project team for compiling this resource: Xan Wedel, Genna Hurd, Jena Gunter, Abby Byrd, and Sofia Berrospi Fernandez.

**IPSR Welcomes New Doctoral Research Fellows**

IPSR is excited to announce the next cohort of participants in our Doctoral Research Fellows Program! Congratulations to the following students who will begin the program this year:

- Linda Chimwemwe Banda, Social Welfare
- Cora Caton, Political Science
- Brigid Enchill, French, Francophone, and Italian Studies
- Matt Erickson, Sociology
- John Paul Henry, Geography
- Suman Rath, Special Education
- Darcy Sullivan, Sociology
- Carolisa Watson, Geography
- Haoyi Wei, Economics

We received many nominations across a wide variety of disciplines, and this dynamic group of scholars was selected after careful review by the previous cohort of Fellows.
The Doctoral Research Fellows Program helps to develop the next generation of interdisciplinary social science scholars by providing training and support. Fellows will meet for approximately ten sessions throughout the academic year to discuss research progress and experiences, gain skills in interdisciplinary research methods, and present their research at the program's conclusion.

Learn more:  
http://ipsr.ku.edu/about/gradfellows/fellows.shtml

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**Grant Toolkit**

Thinking through a research agenda and pulling together a grant proposal can be daunting tasks even for seasoned researchers. One of our key goals is to help PIs navigate this landscape by connecting them to the right resources. Over the years, IPSR's research development team has gathered a library of resources on research development and proposal-writing, ranging from general guidance to agency-specific templates and boilerplate language.

Now, this library of resources is available to IPSR affiliates on
a secure website. There, you'll find:

- Sample funded proposals
- Agency panel reviews
- Organizational tools
- Document templates
- Proposal graphic templates
- Self-assessment guides
- Writing tips
- Budgeting tools

To access the site, contact IPSR at IPSR@ku.edu.

**IPSR Annual Report for 2020-21**


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**RESEARCH CENTER UPDATES**
Center for Compassionate & Sustainable Communities

Publications

We published two articles this summer. The first, resulting from the NOAA SCIPP project, shows the role of emotional and social intelligence and diverse teams of leadership when facing recurrent or extended disasters. It is instructive for these COVID and climate change times, during which failures of leadership abound. The second, coming out of the Lyles NSF CAREER project, coauthored by a professor, two doctoral students, and a community partner, provides reflections and insights on developing and teaching community service-oriented classes at the intersection of climate change, public service, and emotions.


Teaching Materials
We are partnering with the Association of Collegiate Schools of Planning to develop an international repository of teaching materials for courses related to climate change planning. The CCSC has built a prototype repository that has served as the inspiration and model for the one we are now building with ACSP (http://ipsrku.edu/compassion/resources.shtml). This work, part of the NSF CAREER project, is one layer of work with ACSP to advance climate change planning teaching; other layers include co-organizing a recent workshop attended by more than 70 planning instructors and initiating a new research project assessing the current state of practice related to pedagogy of climate change planning.

Collaborations

We continue to partner with The Commons and numerous other campus units to offer the Spotlight on Care series, which remains a vital lifeline for people looking for care and community as we navigate the pandemic and institutional uncertainty. (Find more on the series under Events in this newsletter.)

We continue to foster the Graduate Student Collective through the uncertainty of the pandemic and to participate actively in the Faculty Advisory on Coronavirus Team led by IPSR Director Donna Ginther.
MOU with EPA Region 7

The Center for Environmental Policy (CEP) and Environmental Protection Agency (Region 7) are signing a Memorandum of Understanding (MOU) that facilitates several mutually beneficial activities. These activities include collaborating on joint research projects and sharing information about research-related training and seminars. EPA Region 7 will share information about student internship and employment opportunities and will offer grant application training to CEP affiliates. EPA Region 7 will share training tools with CEP, and in turn, CEP will serve as a community partner and resource to EPA Region 7 for research related seminars and special events. In addition, CEP and EPA Region 7 will encourage and facilitate visits among EPA personnel, and CEP affiliates for research consultations, meetings, workshops, and tours.

Speaker Series

During the 2021-2022 academic year, the Center for Environmental Policy is offering a speaker series on the theme of
Humans and Our Natural World. This speaker series explores how human activities impact the natural world, how these impacts affect humans' lives, and how humans take actions to mitigate these impacts. Within this exploration, the series assess the differential impact across human communities, with a focus on environmental justice. The series also highlights the impending problem of climate change, the defining human-induced natural calamity of the millennium. The Center is coordinating its speaker series with the KU Hall Center for the Humanities, which is offering a parallel speaker series on Humanities and Our Natural World. The Commons and the Economics Department are co-sponsoring the CEP speaker series.

**FEWtures project led by Mary Hill**

Starting this fall, the Center is coordinating activities with the NSF-funded FEWtures project led by Mary Hill. This project explores the economic viability of using renewable energy to increase usable water resources by treating degraded and unused water supplies, and produce ammonia that can both store energy and be used as fertilizer. They will study the potential of these innovations to create a multifaceted economic system able to sustain small town and rural (STAR) communities and maintain needed agricultural production.
Center for Indigenous Science, Research, and Technology

The Haskell Environmental Research Studies Institute (HERS) summer internship program, under the direction of Jay Johnson, director of the Center for Indigenous Science, Research, and Technology, and Cody Marshall of Haskell Indian Nations University (HINU), had another successful summer with 13 interns completing the program. Interns were from HINU and other institutions including University of Hawaii-Hilo; Salish Kootenai College; Fort Lewis College; University of Idaho; University of Hawaii West Oahu; and University of Oklahoma. Interns represented eleven different tribes from nine states across the country.
The HERS program is a collaboration between HINU and KU aimed at preparing American Indian, Alaska Native, Native Hawaiian, and Pacific Islander undergraduate students for graduate study, and as future STEM professionals. The program had support from GRAs Trina McClure and Katie Grote, four KU graduate student mentors, and staff member Mandy Frank.

After six weeks of developing individual research proposals on-campus at KU, and one week of virtual programming with the Oneida Nation of Wisconsin, the internship culminated in the KU Center for Undergraduate Research Virtual Symposium, and the selection of the top-four research proposals. Top-four proposal writers will receive a travel award to present their research at a national conference of their choice.

Top Four Proposals:
- "Bordering Disaster: Vegetation Disturbance Along the United States-Mexico Border Wall in the Chihuahuan Desert A Remote Sensing Approach" by Rissa Garcia-Prudencio, Haskell Indian Nations University;
- "Digging Deeper: Land-use Effects on Soil-water Nutrients in the Kansas Prairie Precipitation Gradient" Annalise Guthrie, University of Kansas;
- "Traditional Innovation: A Borrowed Approach to Hawaiian Dryland Agriculture; Is it Possible to Increase Sweet Potato Yields by Introducing a Non-native Intercropped Species When Compared to Traditional Sugarcane?" by Caitlin "Kili" Kawaiaea, University of Hawaii-Hilo; and
- "Influences of Benzophenone-3 on Reproductive Physiology of Yellowfin Tuna in O'ahu Seawaters" by Pashyn Morimoto, University of Hawaii West Oahu.

Questions? Contact Mandy Frank, mandy.frank@ku.edu. Applications for summer 2022 open in late January.
Teaching Military History

The Center for Military, War, and Society Studies has launched a new initiative on teaching military history. Reaching from middle and high school classrooms through graduate training, the teachingmilitaryhistory.com website offers syllabi, model assignments, links to resources, and pedagogical essays to support those of us who teach military history or who want to introduce operational or “war and society” topics into our classrooms.

This project is jointly administered by Center director Beth Bailey, associate director Marjorie Galelli, and (for secondary education) Amy Rutenberg of the University of Iowa. We plan to host a conference on teaching military history and are investigating funding for a summer seminar for high school teachers.

The United States, War, and Environment in the 20th Century Pacific World

This year the Center is co-sponsoring (with KU’s Center for American History) an international symposium on “The United States, War, and Environment in the 20th Century Pacific World,” and will host visiting scholars from the University of Tokyo and Swinburne University of Technology, Melbourne.

Forthcoming

Two books from previous symposia are forthcoming: The War on Drugs: A History (New York University Press) and
Managing Sex in the U.S. Military: Gender, Identity, and Behavior (University of Nebraska Press).

Center for Science, Technology & Economic Policy

Governor's Council on Tax Reform

Donna K. Ginther advises the Kansas Governor’s Council on Tax Reform, connecting changes in the Kansas economy to implications for tax policy, with support from IPSR staff members. In the wake of the COVID-19 pandemic, staff collected, analyzed, and presented data on statewide economic trends and the likely outcomes of tax policy proposals.

Economic Impact Studies

With support from the Economic Development Administration, CSTEP is assisting local governments and other entities with economic impact studies. These studies help determine the best ways to use limited resources to achieve economic development and other goals.

Broadband Access

The pandemic showed the significance of accessible and
reliable broadband, but significant gaps in service exist in rural and urban communities. Current data on broadband are insufficient for effective policymaking. C-STEP is now gathering that data and has completed a survey of Kansas public college and university students. A statewide survey will offer a better understanding of how prevalent reliable and accessible internet is across the state. Take the survey here: https://ipsr.ku.edu/broadband/kansas.shtml.

Surveillance Studies Research Center

In June, we wrapped up our NSF RAPID grant, Understanding the Experiences of Public Internet Users during the Novel Coronavirus Pandemic. The gulf in digital access is yet one more dimension of social and economic inequality laid bare by the COVID-19 pandemic. Once access via libraries was cut off though closures, public internet users were shut out and left mostly to fend for themselves.

For this project, we collected qualitative and quantitative information about what transpired during the quarantine and what was happening as states reopened. We asked library computer users at one of our existing research sites to complete a brief survey (n=100) and, a subset to participate in interviews (n=20). We also generated a multi-stage sample
(n=201) of libraries throughout the US and surveyed library directors on their experiences with the COVID-19 closures and how they adapted to the pandemic conditions once they reopened. We then combined these data with indicators from the 2019 Public Library Survey and the 2019 American Community Survey including the percentage of households living in poverty in the census tract where each library was located. Finally, we conducted a content analysis of news stories (n=26) published during and after the pandemic specifically addressing the experiences of library patrons without broadband internet access at home and how they coped during these periods.

Our findings are summarized on the NSF website: https://www.nsf.gov/awardsearch/showAward?AWD_ID=2037575&HistoricalAwards=false

Much thanks go to our talented team members, Graduate Researchers Sarah Colegrove and Scott Tuttle from Sociology.

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**COLUMNS**

**Funding opportunity – Predictive intelligence for pandemic prevention initiative**
Predicting and preventing pandemics is the focus of a new funding opportunity from the U.S. National Science Foundation. Researchers from a broad range of scientific disciplines — including those in the social, behavioral and economic sciences — are invited to submit proposals to develop multidisciplinary research centers that can address the complex challenges involved in forecasting and avoiding future pandemic-scale outbreaks.

The Predictive Intelligence for Pandemic Prevention initiative is aimed at better understanding the dynamic nature of pathogen and disease emergence, a continuing risk to our national security, health and economic stability. The first phase of the initiative provides support for development grants that identify major challenges involved in predicting and preventing pandemics and how those challenges could be overcome through the creation of multidisciplinary research centers.

Phase one proposals are due on Oct. 1, 2021. A phase two solicitation for research center proposals is expected to be released in 2023.

For additional information and the full proposal solicitation, visit Predictive Intelligence for Pandemic Prevention Phase I: Development Grants (PIPP Phase I).

If you're interested in pursuing this opportunity, please contact Nancy Cayton Myers (ncmyers@ku.edu) to discuss your ideas.

Team up! Collaboration opportunities
for social, behavioral, and economic researchers with computer and information science and engineering researchers

In a Dear Colleague Letter, NSF outlines opportunities for collaboration between computer and information science and engineering researchers with social, behavioral, and economic sciences researchers. There are many programs that specifically encourage or require these collaborations. There are also cross-disciplinary and cross-directorate that would support CISE-SBE collaborations.

All programs list a contact email and usually directorate-specific cognizant program directors. We urge researchers to contact those program directors with any questions they may have. Many program directors welcome brief inquiry letters well in advance of deadlines.

Find more information and the list of funding opportunities at: https://www.nsf.gov/pubs/2021/nsf21099/nsf21099.jsp?WT.mc_id=USNSF_25&WT.mc_ev=click

Contact Nancy Cayton Myers (ncmyers@ku.edu) to learn more about NSF programs that might fit your research agenda.

Visualization of the Moment –
As presented in a Wall Street Journal article written by Danny Dougherty and Randy Yeip, a survey published by the Labor Department showed a spike in the percentage of parents who work while simultaneously taking care of children since the onslaught of the pandemic. Researchers stated that this percentage nearly tripled from 2019. Included in the chart is the correlation of percentage increase to time of day, which makes it more understandable and meaningful to the reader.

![Percentage of employed parents working while also engaged in child care](chart)

The share of parents working while also taking care of kids nearly tripled from 2019.

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**Ask IPSR – NSF Virtual Conference**

Q: Is there a way I can dive into information about National Science Foundation funding?

A: Why, yes! The NSF Virtual Conference is taking place October 4-8, 2021. Registration opens September 8. The
conference is available free of charge, and all sessions will be recorded and posted on the NSF Policy Office website and on their YouTube channel.

Contact Nancy Cayton Myers (ncmyers@ku.edu) if you'd like assistance navigating NSF or other funders.

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COMING EVENTS

All in-person or hybrid events are subject to change based on public health conditions.

IPSR Fall Research Lunches

Let us know if you’re joining us by writing IPSR@ku.edu.

In the Middle: American Multinationals in China and Trade War Politics

Jiakun Zhang, Rigao Liu, Sam Vortherms

Wednesday, September 29, 12:30 to 1:30 pm

Presented by Jiakun Zhang, assistant professor of political science

The U.S.-China Trade War represents the most serious
disruption to global supply chains since their emergence. We investigate firm-level political responses of American multi-national corporations (MNCs) in China using a new dataset on foreign-invested enterprises (FIEs) from annual registration records filed with the Ministry of Commerce. We identify the China-based subsidiaries of U.S. firms in order to quantify their exposure to the trade war. We use this data to explain the political behavior of these MNCs in the U.S. using another original dataset on firm-level responses to tariffs coded from observed political behaviors such submitting a comment, filing for tariff exclusion, or lobbying members of Congress. We also examine which companies exit the China market. This analysis reveals the industry and policy cleavages that divide American MNCs over trade policy with China. We find that larger MNCs are resilient to both tariffs and to political pressure to decouple from China due to privileged access to tax havens and various regulatory loopholes as well as greater market power. These larger MNCs are less likely to seek for tariff exclusion and submit public comment, but they are also less likely to exit China.

An Update on PUPS (Public User Privacy and Security)

Bill Staples, director of the Surveillance Studies Research Center

Thursday, October 7 from 12 noon to 1 pm

Learn about the PUPS (public user privacy and security)
device from Bill Staples and the graduate students who worked on this research. The PUPS device is an isolated, portable, virtual computing environment on a USB stick. It will provide a “digital home” to users, giving them a functional, seamless computing experience from one session and device to the next. This device was developed to assist the US population relying on public libraries as a primary provider of computer and internet access. Funded by an NSF Secure and Trustworthy Cyberspace program grant, this project is led by Staples; Perry Alexander, AT&T Foundation Distinguished Professor of Electrical Engineering & Computer Science and director of the Information and Telecommunications Technology Center; and Drew Davidson, assistant professor of electrical engineering & computer science.

Spotlight on Care
Hosted by The Commons, the IPSR Center for Compassionate and Sustainable Communities, the Spencer Museum of Art, and the Emily Taylor Center for Women & Gender Equity; with support from the Center for Faculty Development and Mentoring, the Center for Teaching Excellence, and the Environmental Studies Program.

This session features extended check-in time with one another. Spotlight on Care offers space for meeting, sharing, and receiving, with a dedicated commitment to building community. Sessions are open to all and feature compassion-centered approaches to facilitation and participation.
and receiving, with a dedicated commitment to building community. Sessions are open to all and feature compassion-centered approaches to facilitation and participation.

[Link to Zoom Registration.](http://thecommons.ku.edu/event/1005)

Look for more Spotlight on Care sessions on Thursday afternoons from 12 noon to 1 pm over the course of the fall 2021 semester.

**Stay or Leave? Perspectives on Immigration and Migrant Labor from Both Sides of the Border**

Thursday, September 30, 3:30-5 PM

Featuring Brent Metz and Suzanne Gladney, with Gary Reich as moderator.

Email Christie Holland, christieh@ku.edu, to attend.

**2021 Kansas Economic Policy Conference – Save the Date**

The 2021 Kansas Economic Policy Conference will take place on [Thursday, October 21, 2021](http://thecommons.ku.edu/event/1005), on the topic: “The COVID
Recovery in Kansas: A Work in Progress?

More information on the program and registration is coming soon.