

Hanna Grol-Prokopczyk

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ACADEMIC POSITIONS

2019-present Associate Professor, Department of Sociology, University at Buffalo, SUNY
2013-2019 Assistant Professor, Department of Sociology, University at Buffalo, SUNY

EDUCATION

2013 Ph.D., Sociology, University of Wisconsin-Madison. Dissertation: "Quantifying the Unquantifiable: The Measurement and Meanings of Chronic Pain." Lumpkin Dissertation of the Year Award.
2007 M.A., Southeast Asian Studies, University of Wisconsin-Madison
2006 M.S., Sociology, University of Wisconsin-Madison
1996 A.B. *cum laude*, English and American Literature, Harvard University

PRIMARY RESEARCH INTERESTS

Medical sociology, demography, chronic pain, aging, research methods

PEER-REVIEWED ARTICLES

^G = graduate student author / ^P = postdoctoral associate author (at time of submission)

Forthcoming Zajacova, Anna, Hanna Grol-Prokopczyk, Richard L. Nahin. "Pain Among US Adults Before, During, and After the COVID-19 Pandemic: A Study Using the 2019-2023 National Health Interview Survey." *PAIN*. PMID pending.

Forthcoming Grol-Prokopczyk, Hanna, ^GRui Huang, ^GChang Yu, ^GYu-An Chen, ^GSirat Kaur, ^GMerita Limani, ^GTing-Hui Lin, Anna Zajacova, Zachary Zimmer, Penney Cowan, Roger B. Fillingim, Jennifer S. Gewandter, Ian Gilron, Adam T. Hirsh, Gary J. Macfarlane, Salimah H. Meghani, Kushang V. Patel, Ellen L. Poleshuck, Eric C. Strain, Frank J. Symons, Ursula Wesselmann, Robert H. Dworkin, and Dennis C. Turk. "Over Fifty Years of Research on Social Disparities in Pain and Pain Treatment: A Scoping Review of Reviews." *PAIN*. PMID pending.
<https://doi.org/10.1097/j.pain.0000000000003676>
• "Editor's Choice" article.

Forthcoming ^GFennell, Gillian, Theresa Andrasfay, Hanna Grol-Prokopczyk, and Jennifer Ailshire. "A Painful Reality Check? Examining the Accuracy of Subjective Survival Probabilities by Pain Interference and Depression Status." *Journal of Aging and Health*. PMID pending. <https://doi.org/10.1177/08982643241307454>

- 2025 Norris, Jesse, Joseph P. McFall, and Hanna Grol-Prokopczyk. "Would You Press a Button to Kill the President? Willingness to Engage in Political Violence and its Implications for Terrorism Sting Operations." *Critical Studies on Terrorism* 18(2):359-381. <https://doi.org/10.1080/17539153.2025.2458479>
- 2025 Grol-Prokopczyk, Hanna. "Why Are There So Many Ways to Measure Pain? Epistemological and Professional Challenges in Medical Standardization." *Qualitative Sociology Review* 21(1):46-72. Open access: <https://doi.org/10.18778/1733-8077.21.1.03>
- 2025 ^GRyan, Eva, Hanna Grol-Prokopczyk, Christopher R. Dennison, Anna Zajacova, and Zachary Zimmer. "Is the Relationship Between Chronic Pain and Mortality Causal? A Propensity Score Analysis." *PAIN* 166(1):183-195. PMCID: PMC11647826. <https://doi.org/10.1097/j.pain.0000000000003336>
- 2024 ^PRuan, Hangqing, Anna Zajacova, Zachary Zimmer, and Hanna Grol-Prokopczyk. "Does Pain Explain Trends in Disability? An Analysis of Middle-Aged and Older US Adults, 2002-2018." *The Journals of Gerontology: Series B (Social Sciences)* 79(11):gbae148. PMCID pending. <https://doi.org/10.1093/geronb/gbae148>
- 2024 ^GFrndak, Seth, Hanna Grol-Prokopczyk, Craig Colder, Hailey Banack, and Katarzyna Kordas. "Neighborhood Disadvantage and Adolescent Behavior Problems: How Do Inferences Differ Across Definitions of Disadvantage?" *Social Psychiatry and Psychiatric Epidemiology* 59(8):1311-1320. <https://doi.org/10.1007/s00127-023-02593-y>
- 2024 Norris, Jesse, and Hanna Grol-Prokopczyk. "Sentencing Disparities in US Terrorism Prosecutions, 2001-2018." *Criminology, Criminal Justice, Law & Society* 25(2):18-40. <https://doi.org/10.54555/CCJLS.10853.122095>
- 2024 Hohenschurz-Schmidt, David, Dan Cherkin, Andrew S.C. Rice, Robert H. Dworkin, Dennis C. Turk, Michael P. McDermott, Matthew J. Bair, Lynn L. DeBar, Robert R. Edwards, Scott Evans, John T. Farrar, Robert D. Kerns, Michael C. Rowbotham, Ajay D. Wasan, Penney Cowan, McKenzie Ferguson, Roy Freeman, Jennifer S. Gewandter, Ian Gilron, Hanna Grol-Prokopczyk, Smriti Iyengar, Cornelia Kamp, Barbara I. Karp, Bethea A. Kleykamp, John D. Loeser, Sean Mackey, Richard Malamut, Ewan McNicol, Kushang V. Patel, Kenneth Schmadar, Lee Simon, Deborah J. Steiner, Christin Veasley, Jan Vollert. "Methods for Pragmatic Randomized Clinical Trials Of Pain Therapies: Initiative On Methods, Measurement, And Pain Assessment In Clinical Trials Statement." *PAIN* 165(10):2165-2183. <https://doi.org/10.1097/j.pain.0000000000003249>
- 2024 ^PSun, Feinuo, Anna Zajacova, and Hanna Grol-Prokopczyk. "The Geography of Arthritis-Attributable Pain Outcomes: A County-Level Spatial Analysis." *PAIN* 165(7):1505-1512. PMCID: PMC11190894. Open access: <https://doi.org/10.1097/j.pain.0000000000003155>
- 2024 ^GRyan, Eva, Ailish Hannigan, Hanna Grol-Prokopczyk, Peter May, and Helen Purtill. "Sociodemographic Disparities and Potential Biases in Persistent Pain Estimates: Findings from 5 Waves of the Irish Longitudinal Study on Ageing (TILDA)."

European Journal of Pain 28(5):673-858. PMID: PMC11023795.
<https://doi.org/10.1002/ejp.2215>

- 2024 Haroutounian, Simon, Katherine J. Holzer, Robert D. Kerns, Christin Veasley, Robert H. Dworkin, Dennis C. Turk, Kristin L. Carman, Christine T. Chambers, Penney Cowan, Robert R. Edwards, James C. Eisenach, John T. Farrar, McKenzie Ferguson, Laura P. Forsythe, Roy Freeman, Jennifer S. Gewandter, Ian Gilron, Christine Goertz, Hanna Grol-Prokopczyk, Smriti Iyengar, Isabel Jordan, Cornelia Kamp, Betha A. Kleykamp, Rachel L. Knowles, Dale J. Langford, Sean Mackey, Richard Malamut, John Markman, Kathryn R. Martin, Ewan McNicol, Kushang V. Patel, Andrew S.C. Rice, Michael Rowbotham, Friedhelm Sandbrink, Lee S. Simon, Deborah J. Steiner, Jan Vollert. "Patient Engagement in Designing, Conducting, and Disseminating Clinical Pain Research: IMMPACT-Recommended Considerations." *PAIN* 165(5):1013-1028. <https://doi.org/10.1097/j.pain.0000000000003121>
- 2024 Norris, Jesse, Joseph P. McFall, and Hanna Grol-Prokopczyk. "Decision-Making in Terrorism Sting Operations: Is Entrapment Driven by the Sunk-Cost Effect and Intergroup Biases?" *Journal of Policing, Intelligence and Counter Terrorism* 19(2):223-246. <https://doi.org/10.1080/18335330.2023.2266712>
- 2023 Zajacova, Anna, ^GAlvaro Pereira Filho, ^GMerita Limani, Hanna Grol-Prokopczyk, Zachary Zimmer, ^PDmitry Scherbakov, Roger B. Fillingim, Mark D. Hayward, Ian Gilron, Gary J. Macfarlane. "Self-Reported Pain Treatment Practices among U.S. and Canadian Adults: Findings from a Population Survey." *Innovation in Aging* 7(10): igad103. Special issue: Translational Research On Pain And Pain Management In Later Life. PMID: PMC10714903. <https://doi.org/10.1093/geroni/igad103>
- 2023 ^GFennell, Gillian, Mireille Jacobson, and Hanna Grol-Prokopczyk. "Predictors of Multiwave Opioid Use among Older American Adults." *Innovation in Aging* 7(10):igad068. Special issue: Translational Research On Pain And Pain Management In Later Life. PMID: PMC10714904. <https://doi.org/10.1093/geroni/igad068>
- 2023 ^GHuang, Rui, ^PYulin Yang, Anna Zajacova, Zachary Zimmer, ^GYuhang Li, and Hanna Grol-Prokopczyk. "Educational Disparities in Joint Pain Within and Across U.S. States: Do Macro Sociopolitical Contexts Matter?" *PAIN* 164(10):2358-2369. PMID: PMC10502893. Open access: <https://doi.org/10.1097/j.pain.0000000000002945>
- 2023 Zajacova, Anna, Hanna Grol-Prokopczyk, Hui Liu, Rin Reczek, and Richard L Nahin. "Pain Among U.S. Sexual Minority Adults Who Identify as Gay, Lesbian, Bisexual, Or 'Something Else.'" *PAIN* 164(9):1942-1953. PMID: PMC10436360. Open access: <https://doi.org/10.1097/j.pain.0000000000002891>
- 2023 Hohenschurz-Schmidt, David J., Dan Cherkin, Andrew S.C. Rice, Robert H. Dworkin, Dennis C. Turk, Michael P. McDermott, Matthew J. Bair, Lynn L. DeBar, Robert R. Edwards, John T. Farrar, Robert D. Kerns, John D. Markman, Michael C. Rowbotham, Karen J. Sherman, Ajay D. Wasan, Penney Cowan, Paul Desjardins, McKenzie Ferguson, Roy Freeman, Jennifer S. Gewandter, Ian Gilron, Hanna Grol-Prokopczyk, Sharon H. Hertz, Smriti Iyengar, Cornelia Kamp, Barbara I. Karp, Betha A. Kleykamp, John D. Loeser, Sean Mackey, Richard Malamut, Ewan McNicol, Kushang V. Patel, Friedhelm Sandbrink, Kenneth Schmader, Lee Simon,

- Deborah J. Steiner, Christin Veasley, Jan Vollert. “Research Objectives and General Considerations for Pragmatic Clinical Trials of Pain Treatments: IMMPACT Statement.” *PAIN* 164(7):1457-1472. PMCID: PMC10281023 <https://doi.org/10.1097/j.pain.0000000000002888>
- 2023 Zimmer, Zachary, Anna Zajacova, ^GKathryn Fraser, Daniel Powers, and Hanna Grol-Prokopczyk. “A Global Comparative Study of Wealth-Pain Gradients: Investigating Individual- and Country-Level Associations.” *Dialogues in Health* 2(2023):100122. PMCID: PMC10718570. <https://doi.org/10.1016/j.dialog.2023.100122>
- 2023 Zajacova, Anna, Hanna Grol-Prokopczyk, ^GMerita Limani, Christopher Schwarz, and Ian Gilron. “Prevalence and Correlates of Prescription Opioid Use among U.S. Adults, 2019-2020.” *PLoS ONE* 18(3):e0282536. PMCID: PMC9980762 <https://doi.org/10.1371/journal.pone.0282536>
- 2022 Zajacova, Anna, Jinhyung Lee, and Hanna Grol-Prokopczyk. “The Geography of Pain in the United States and Canada.” *The Journal of Pain* 23(12):2155-2166. PMCID: PMC9927593. Open access: <https://doi.org/10.1016/j.jpain.2022.08.002>
- 2022 ^PYang, Yulin, ^GRui Huang, Hanna Grol-Prokopczyk, and Jacqueline Torres. “Social Network Change After New-Onset Pain Among Middle-Aged and Older European Adults.” *Social Science & Medicine* 310, article 115215. PMCID: PMC9514133. <https://doi.org/10.1016/j.socscimed.2022.115215>
- 2022 Zajacova, Anna, Hanna Grol-Prokopczyk, and Roger Fillingim. “Beyond Black vs. White: Racial/Ethnic Disparities in Chronic Pain, Including Hispanic, Asian, Native American, and Multiracial Groups.” *PAIN* 163(9):1688–1699. PMCID: PMC9294074. <https://doi.org/10.1097/j.pain.0000000000002574>
- “Editor’s Choice” article.
- 2022 Zimmer, Zachary, ^GKathryn Fraser, Hanna Grol-Prokopczyk, and Anna Zajacova. “A Global Study of Pain Prevalence Across 52 Countries: Examining the Role of Country-Level Contextual Factors.” *PAIN* 163(9):1740-1750. PMCID: PMC9198107. <https://doi.org/10.1097/j.pain.0000000000002557>
- “Editor’s Choice” article.
- 2022 ^GHuang, Rui, and Hanna Grol-Prokopczyk. “Health and Health Behaviors in China: Anomalies in the SES-Health Gradient?” *SSM - Population Health* 17(March): 101069. <https://doi.org/10.1016/j.ssmph.2022.101069>
- 2022 Kleykamp, Bethea A., McKenzie C. Ferguson, Ewan McNicol, Ida Bixho, Lesley M. Arnold, Robert R. Edwards, Roger Fillingim, Hanna Grol-Prokopczyk, Richard Ohrbach, Dennis C. Turk, Robert H. Dworkin. “A Systematic Review of the Prevalence of Comorbid Chronic Pain Conditions Among Patients with Temporomandibular Disorders.” *JADA (Journal of the American Dental Association)* 153(3):241-250. <https://doi.org/10.1016/j.adaj.2021.08.008>.
- 2022 ^PYang, Yulin, Hanna Grol-Prokopczyk, M. Carrington Reid, and Karl Pillemer. “The Relationship between Pain and Psychological Distress during the COVID-19 Pandemic: Is Social Technology Use Protective?” *Pain Medicine* 23(2):280-287. PMCID: PMC8499956. <https://doi.org/10.1093/pm/pnab262>.

- 2022 ^PYang, Yulin, M. Carrington Reid, Hanna Grol-Prokopczyk, and Karl Pillemer. “Racial-Ethnic Disparities in Pain Intensity and Interference among Middle-Aged and Older U.S. Adults.” *The Journals of Gerontology: Series A (Medical Sciences)* 77(2): e74-e81. Special issue: Minority Health and Health Disparities in Aging. PMCID: PMC8824568. <https://doi.org/10.1093/gerona/qlab207>
- 2021 ^GBesharat, Soroush, Hanna Grol-Prokopczyk, Shan Gao, Changyong Feng, Frank Akwaa, Jennifer S. Gewandter. “Peripheral Edema: A Common and Persistent Health Problem for Older Americans.” *PLoS ONE* 16(12): e0260742. PMCID: PMC8675752. <https://doi.org/10.1371/journal.pone.0260742>
- 2021 ^GYang, Yulin, and Hanna Grol-Prokopczyk. “Chronic Pain and Friendship among Middle-Aged and Older U.S. Adults.” *The Journals of Gerontology: Series B (Social Sciences)* 76(10): 2131-2142. PMCID: PMC8599034. <https://doi.org/10.1093/geronb/gbaa185>
- 2021 Zajacova, Anna, Hanna Grol-Prokopczyk, and Zachary Zimmer. “Sociology of Chronic Pain.” *Journal of Health and Social Behavior* 62(3): 302-317. Special issue: Medical Sociology: Findings, Challenges, and Future Directions. PMCID: PMC8956223. <https://doi.org/10.1177/00221465211025962>.
- 2021 Zajacova, Anna, Hanna Grol-Prokopczyk, and Zachary Zimmer. “Pain Trends among American Adults 2002–2018: Patterns, Disparities, and Correlates.” *Demography* 58(2):711-738. PMCID: PMC8035485. Open access: <https://doi.org/10.1215/00703370-8977691>
- Winner, IPUMS Health Surveys Research Award
- 2021 Gewandter, Jennifer S., Shannon Smith, Robert Dworkin, Dennis Turk, Tong Gan, Ian Gilron, Sharon Hertz, Nathaniel Katz, John Markman, Srinivasa Raja, Michael Rowbotham, Brett Stacey, Eric Strain, Denham Ward, John Farrar, Kurt Kroenke, James Rathmall, Richard Rauk, Coleville Brown, Penney Cowan, Robert Edwards, James Eisenach, McKenzie Ferguson, Roy Freeman, Roy Gray, Kathryn Giblin, Hanna Grol-Prokopczyk, Jennifer Haythornthwaite, Robert Jamison, Marc Martel, Ewan McNicol, Michael Oshinsky, Friedhelm Sandbrink, Joachim Scholz, Richard Scranton, Lee Simon, Deborah Steiner, Kenneth Verburg, Ajay Wasan, Kerry Wentworth. “Research Approaches for Evaluating Opioid Sparing in Clinical Trials of Acute and Chronic Pain Treatments: IMMPACT Recommendations.” *PAIN* 162(11):2669-2681. PMCID: PMC8497633. Open access: <https://doi.org/10.1097/j.pain.0000000000002283>
- 2021 Kleykamp, Bethea A., McKenzie C. Ferguson, Ewan McNicol, Ida Bixho, Lesley M. Arnold, Robert R. Edwards, Roger Fillingim, Hanna Grol-Prokopczyk, Dennis C. Turk, and Robert H. Dworkin. “The Prevalence of Psychiatric and Chronic Pain Comorbidities in Fibromyalgia: An ACTION Systematic Review.” *Seminars in Arthritis and Rheumatism* 51(1):166-174. <https://doi.org/10.1016/j.semarthrit.2020.10.006>
- 2020 Zimmer, Zachary, Anna Zajacova, and Hanna Grol-Prokopczyk. “Trends in Pain Prevalence among Adults Aged 50 and Older across Europe, 2004 to 2015.” *Journal of Aging and Health* 32(10):1419-1432. PMCID: PMC11580092. <https://doi.org/10.1177/0898264320931665>

- 2020 Zajacova, Anna, Richard G. Rogers, Eric Grodsky, and Hanna Grol-Prokopczyk. "The Relationship between Education and Pain among Adults Aged 30-49 in the United States." *The Journal of Pain* 21(11-12):1270-1280. PMCID: PMC7722114. <https://doi.org/10.1016/j.jpain.2020.03.005>
- 2020 Kang, Eunjeong, and Hanna Grol-Prokopczyk. "Comparing South Korean and U.S. Self-Rated Health using Anchoring Vignettes." *Quality of Life Research* 29(12):3213-3222. <https://doi.org/10.1007/s11136-020-02599-y>
- 2019 Grol-Prokopczyk, Hanna. "Use and Opinions of Prescription Opioids Among Older American Adults: Sociodemographic Predictors." *The Journals of Gerontology: Series B (Social Sciences)* 74(6):1009-1019. PMCID: PMC6941497. <https://doi.org/10.1093/geronb/gby093>
- "Editor's Choice" article.
- 2019 Norris, Jesse J., and Hanna Grol-Prokopczyk. "Racial and Other Sociodemographic Disparities in Terrorism Sting Operations." *Sociology of Race and Ethnicity* 5(3):416-431. <https://doi.org/10.1177/2332649218756136>
- 2018 Grol-Prokopczyk, Hanna. "Celebrity Culture and Demographic Change: The Case of Celebrity Nonmarital Fertility, 1974-2014." *Demographic Research* 39(8):251-284. <https://doi.org/10.4054/DemRes.2018.39.8>
- 2018 Norris, Jesse J., and Hanna Grol-Prokopczyk. "Entrapment Allegations in Right-Wing Terrorism Cases: A Mixed-Methods Analysis." *International Journal of Law, Crime and Justice* 53:77-88. <https://doi.org/10.1016/j.ijlcj.2018.03.009>
- 2018 Norris, Jesse J., and Hanna Grol-Prokopczyk. "Temporal Trends in US Counterterrorism Sting Operations, 1989-2014." *Critical Studies on Terrorism* 11(2):243-271. <https://doi.org/10.1080/17539153.2017.1400421>
- 2018 Grol-Prokopczyk, Hanna. "In Pursuit of Anchoring Vignettes That Work: Evaluating Generality Versus Specificity in Vignette Texts." *The Journals of Gerontology: Series B (Social Sciences)* 73(1):54-63. Special issue: Methodological Innovations in Gerontology. PMCID: PMC5927151. <https://doi.org/10.1093/geronb/gbx048>
- 2017 Grol-Prokopczyk, Hanna. "Sociodemographic Disparities in Chronic Pain, Based on 12-Year Longitudinal Data." *PAIN* 158(2):313-322. PMCID: PMC5242384. <http://dx.doi.org/10.1097/j.pain.0000000000000762>
- Selected as a "Science Advance in Pain Research" by the NIH Interagency Pain Research Coordinating Committee.
- 2015 Grol-Prokopczyk, Hanna, Emese Verdes-Tennant, Mary McEniry, and Márton Ispány. "Promises and Pitfalls of Anchoring Vignettes in Health Survey Research." *Demography* 52(5):1703-1728. PMCID: PMC5189702. <http://dx.doi.org/10.1007/s13524-015-0422-1>
- 2015 Norris, Jesse J., and Hanna Grol-Prokopczyk. "Estimating the Prevalence of Entrapment in Post-9/11 Terrorism Cases." *Journal of Criminal Law and Criminology* 105(3):609-677. <http://scholarlycommons.law.northwestern.edu/jclc/vol105/iss3/2/>

- 2014 Grol-Prokopczyk, Hanna. "Age and Sex Effects in Anchoring Vignette Studies: Methodological and Empirical Contributions." *Survey Research Methods* 8(1):1-17. PMID: PMC4302337. <https://doi.org/10.18148/srm/2014.v8i1.5133>
- 2013 Grol-Prokopczyk, Hanna. "Thai and American Doctors on Medical Ethics: Religion, Regulation, and Moral Reasoning across Borders." *Social Science & Medicine* 76:92-100. <https://doi.org/10.1016/j.socscimed.2012.10.010>
- 2011 Grol-Prokopczyk, Hanna, Jeremy Freese, and Robert M. Hauser. "Using Anchoring Vignettes to Assess Group Differences in General Self-Rated Health." *Journal of Health and Social Behavior* 52(2):246-261. PMID: PMC3117438. <http://dx.doi.org/10.1177/0022146510396713>

OTHER PUBLICATIONS (letters to editors and book chapters)

- 2025 ^GRyan, Eva, Hanna Grol-Prokopczyk, Christopher R. Dennison, Anna Zajacova, and Zachary Zimmer. "Reply to Shen et al." (letter to editor regarding the association between pain and mortality). *PAIN* 166(3):708-710. PMID pending. <https://doi.org/10.1097/j.pain.0000000000003440>
- 2023 Zajacova, Anna, Hanna Grol-Prokopczyk, and Roger Fillingim. "Reply to Wong and Varshney" (letter to editor regarding pain among Asian Americans). *PAIN* 164(2):e118-119. PMID: PMC11559626 <https://doi.org/10.1097/j.pain.0000000000002815>
- 2010 Grol-Prokopczyk, Hanna. "WHO Says Obesity is an Epidemic? How Excess Weight Became an American Health Crisis." Pp. 343-359 in *Understanding Emerging Epidemics: Social and Political Approaches (Advances in Medical Sociology, Volume II)*, edited by Ananya Mukherjee. Bingley, UK: Emerald. <http://www.emeraldinsight.com/books.htm?chapterid=1858059>

SELECT WORKS UNDER REVIEW OR IN PREPARATION

^G = graduate student author / ^P = postdoctoral associate author (at time of submission)

• At "revise-and-resubmit" stage

^GHuang, Rui, and Hanna Grol-Prokopczyk. "Chronic Pain in Later Life." Invited chapter for *Handbook of Aging and the Social Sciences, 10th edition* (editors: Kenneth F. Ferraro and Deborah Carr). Publication expected in 2026.

^GHuang, Rui, ^GYuhang Li, Hanna Grol-Prokopczyk, and Zachary Zimmer. "Early-Life War Exposure and Later-Life Chronic Pain in Vietnam: Risk, Resilience, and Timing."

^GYu, Chang, Ashley B. Barr, ^PYulin Yang, and Hanna Grol-Prokopczyk. "Beyond Pain Presence: The Impact of Multisite Pain and Pain Interference on Cognitive Functioning among Middle-Aged and Older Adults."

• Under initial review

Nahin, Richard L., Termeh Feinberg, Hanna Grol-Prokopczyk, Flavia P. Kapos, Kerri Murray, ^GRemle Scott, and Anna Zajacova. "Incidence Rates of Twelve Chronic Diseases in US Adults: 2019-2020."

^PRuan, Hangqing, ^PYulin Yang, and Hanna Grol-Prokopczyk. “Which is More Predictive of Mortality—Pain Severity or Pain Interference? Evidence From 20 Years of U.S. Longitudinal Data.”

^PYang, Yulin, Hanna Grol-Prokopczyk, Zachary Zimmer, Feinuo Sun, ^GRui Huang, Anna Zajacova, and Jacqueline Torres. “Chronic Pain Prevalence and Trends in Urban, Suburban, and Rural Areas of the United States, 1998-2020.”

• Select manuscripts in preparation

Calvo, Esteban, Jose Medina, Hanna Grol-Prokopczyk, Katherine Keyes, Alvaro Castillo-Carniglia, Antonia Díaz-Valdés, Tamara Otzen, Robin Richardson, Silvia Martins. “Global Trends and Social Disparities in Pain: A Longitudinal Study of Adults Aged 50 and Older in 22 Countries Across Europe, Asia, and the Americas.” Full manuscript available.

Grol-Prokopczyk, Hanna, Anna Zajacova, and Zachary Zimmer. “Have American Pain-Reporting Styles Changed Over Time? An Assessment Using Objective Measures of Function.” Extended abstract and early manuscript available.

^PRuan, Hangqing, Hanna Grol-Prokopczyk, Zachary Zimmer, and Anna Zajacova. “How Much Does Pain Contribute to Educational Disparities in Disability?” Full manuscript available.

^GYu, Chang, Mo Han, ^GRui Huang, ^GGongda Yu, Hanna Grol-Prokopczyk. “Human vs. AI in Conducting Scoping Reviews: Evaluating Large Language Model Accuracy Across Article and Task Type.” In progress.

RESEARCH GRANTS

Active

2020-2025; no-cost extension 2025-2026 “The Demography of Chronic Pain: A Population Approach to Pain Trends, Pain Disparities, and Pain-Related Disability and Death.” National Institute on Aging, NIH (R01 AG065351). Direct (total) costs: \$1,049,384 (\$1,465,663).

- Role: Principal Investigator.

Under review

2025-2030 “Demography of Chronic Pain: Social, Spatial, and Temporal Dynamics.” National Institute on Aging, NIH; R01 continuation. Direct (total) costs requested: \$1,561,320 (\$1,953,344).

- Role: Co-investigator. (PI: Anna Zajacova.).

2025-2030 “Collaborative for REsearch to Advance TMD Evidence (CREATE).” National Institute of Dental and Craniofacial Research, NIH (U54). Direct (total) costs requested: \$3,281,468 (\$4,944,883).

- Role: Co-investigator. (PI: Alejandro Almarza; UB subaward PI: Richard Ohrbach.)

Completed

2023-2024 “Traumatic Events and Injury: Etiologic Mechanisms for Temporomandibular Disorders.” National Institute on Aging (R34 DE033592). Total costs: \$339,268.

- Role: Co-Investigator. (PIs: Richard Ohrbach and Keith Kirkwood.)

- 2018-2019 “Decision Making in Terrorism Sting Operations.” Baldy Center for Law & Social Policy. Total costs: \$1,050.
- Role: Principal Investigator.
- 2016-2018 “What is the Relationship Between Chronic Pain and Death?” Network on Life Course Health Dynamics and Disparities in 21st Century America (via NIA grant R24 AG045061; Network PIs: James S. House, Eileen Crimmins, Mark Hayward, Robert Hummer). Direct (total) costs: \$11,574 (\$12,500).
- Role: Principal Investigator.

HONORS AND AWARDS

- Exceptional Scholar Award for Sustained Achievement, University at Buffalo, 2023
- “Editor’s Choice” article designations for four articles: one published in *The Journals of Gerontology: Series B (Social Sciences)* in 2019, and three published in *PAIN* in 2022, 2022, and 2025 (citations below)
- IPUMS Research Award for best article published using IPUMS Health Surveys data, for article on “Pain Trends among American Adults” (citation below), 2021.
- “Science Advance in Pain Research” designation by the NIH Interagency Pain Research Coordinating Committee, for article on “Sociodemographic Disparities in Chronic Pain” (citation below), 2018.
- Poster Award (for poster with Wei Luo and Amelia Karraker), Population Association of America, 2017.
- Dr. Nuala McGann Drescher Award, fall 2016.
- Katharine Du Pre Lumpkin Dissertation of the Year Award, 2014, for best Sociology dissertation, University of Wisconsin-Madison.
- Robert Wood Johnson Foundation Health & Society Scholars Dissertation Grant, 2011.
- Time-sharing Experiments for the Social Sciences (TESS): acceptance and fielding of experiment, “Does an Anchoring Vignette Character’s Sex Affect Respondents’ Ratings?,” 2010.
- Distinction in passing graduate qualifying exams in Demography and in Sociology of Science, Technology, and Medicine, University of Wisconsin-Madison.
- National Institute on Aging (NIA) Predoctoral Traineeship, Center for Demography of Health and Aging, University of Wisconsin-Madison, 2005-2009.
- Foreign Language and Area Studies (FLAS) Fellowship (Thai), 2004-2005.

CONFERENCE AND INVITED (*) PRESENTATIONS

- 2025* Grol-Prokopczyk, Hanna. “National and Subnational Geographic Factors Shaping Chronic Pain.” Pain Management Collaboratory, Data Science Working Group (virtual).
- 2024 Grol-Prokopczyk, Hanna. “The Importance of Global Cross-National Approaches to Understanding Social Disparities in Pain.” International Association for the Study of Pain World Congress, Amsterdam, the Netherlands.
- 2024* Grol-Prokopczyk, Hanna. “Chronic Pain as a Population Health Problem: Sociological and Demographic Perspectives.” Garret Club, Buffalo, NY.

- 2024* Grol-Prokopczyk, Hanna. “Chronic Pain Among U.S. Sexual Minority Adults Who Identify as Gay, Lesbian, Bisexual, or ‘Something Else’.” Pain Consortium Symposium on Advances in Pain Research: Sex and Gender Differences in the Neurobiology of Pain, Its Experience and Management. National Institutes of Health (NIH) Campus, Bethesda, MD.
- 2023* Grol-Prokopczyk, Hanna and Anna Zajacova (co-presenting authors). “Demographic and Sociological Approaches to Population Pain: Trends, Disparities, and the Role of Upstream Factors.” International Association for the Study of Pain (IASP) Social Aspects of Pain Special Interest Group (SocSIG) Webinar.
- 2022* Grol-Prokopczyk, Hanna. “Social Disparities in Chronic Pain—and the Contributing Role of Health Insurance Status.” Honors Colloquium, University Honors College, University at Buffalo, SUNY.
- 2022* Grol-Prokopczyk, Hanna. “The Demography of Chronic Pain (or, What Demographers Should Know About Chronic Pain).” Center for Demography of Health and Aging seminar series, University of Wisconsin-Madison.
- 2021* Grol-Prokopczyk, Hanna. “Unseen Forces: The Demography of Chronic Pain.” Napa Pain Conference, Napa, CA.
- 2021 Zimmer, Zachary, Kathryn Fraser, Hanna Grol-Prokopczyk (presenting author), and Anna Zajacova. “Contextual Factors Explaining Cross-National Differences in Chronic Pain Prevalence: A Comparative Study.” Annual Meeting of the Interdisciplinary Association for Population Health Science (IAPHS), Baltimore, MD. (Online due to Covid-19 pandemic.)
- 2021* Grol-Prokopczyk, Hanna. “The Demography of Chronic Pain: Trends, Disparities, and the Ever-Present Challenge of Measurement.” Multidisciplinary Research in Gerontology Colloquium Series, University of Southern California. (Online due to Covid-19 pandemic.)
- 2019 Grol-Prokopczyk, Hanna, Anna Zajacova, and Zachary Zimmer. “Have American Pain-Reporting Styles Changed Over Time? An Assessment Using Objective Measures of Function.” Annual Meeting of the American Sociological Association, New York, NY.
- 2019* Grol-Prokopczyk, Hanna. “Social Disparities in Chronic Pain and Its Treatment.” Department of Sociology, Niagara University.
- 2018* Grol-Prokopczyk, Hanna. “Chronic Pain and Opioid Use.” Participant in ASA Section on Aging and the Life Course invited session, “Inequality Across the Life Course: 9 Experts Discuss Current Issues & Debates.” Annual Meeting of the American Sociological Association, Philadelphia, PA.
- 2018* Grol-Prokopczyk, Hanna. “Patterns in Use of and Opinions of Prescription Opioids Among Older U.S. Adults.” Meeting of the Network on Life Course Health Dynamics and Disparities in 21st Century America, Boulder, CO.

- 2017 Grol-Prokopczyk, Hanna. "Prescription Opioid Use by Sex, Race/Ethnicity, and SES Among Older U.S. Adults." ADDAPT (Addressing Disparities in the Distribution and Assessment of Pain and Its Treatments) workshop on "Pain, Pain Treatment, and Inequality: High-Priority Findings and Gaps in Pain Disparities Research," Potomac, MD.
- 2017* Grol-Prokopczyk, Hanna. "Do Sex Differences in Pain Differ Across Racial/Ethnic and Socioeconomic Groups?" Presentation at National Institutes of Health (NIH)/Office of Research on Women's Health seminar, "Sex and Pain: What's the Story?" NIH Clinical Center, Bethesda, MD.
- 2017 Grol-Prokopczyk, Hanna. "Disparities in Opioid Analgesic Prescription Among Older U.S. Adults." Annual Meeting of the American Sociological Association, Montreal, Canada.
- 2017* Grol-Prokopczyk, Hanna. "What is the Relationship between Chronic Pain and Death?" Meeting of the Network on Life Course Health Dynamics and Disparities in 21st Century America, Chicago, IL.
- 2017 Luo, Wei, Hanna Grol-Prokopczyk, and Amelia Karraker. "What Underlies Educational Disparities in Chronic Pain?" (poster). Annual Meeting of the Population Association of America, Chicago, IL.
- 2016* Grol-Prokopczyk, Hanna. "Chronic Pain Among Older Adults: Prevalence, Patterns, and Prescriptions." Department of Public Health Sciences, University of Rochester School of Medicine.
- 2016 Grol-Prokopczyk, Hanna. "Media Depictions of Celebrity Pregnancy and Parenthood, 1974-2014: Erosion or Enforcement of Traditional Family Norms?" Annual Meeting of the American Sociological Association, Seattle, WA.
- 2016 Grol-Prokopczyk, Hanna. "Are Celebrities Trendsetters for Nonmarital Fertility?" Annual Meeting of the Population Association of America, Washington, DC.
- 2015* Grol-Prokopczyk, Hanna. "Can Anchoring Vignettes Improve the Comparability of Self-Rated Health?" Women's and Children's Health Disparities Research Group, University of Wisconsin-Madison.
- 2014 Grol-Prokopczyk, Hanna. "To Measure the Invisible: Why Is it So Difficult to Standardize Measures of Pain?" Annual Meetings of the American Sociological Association, San Francisco, CA.
- 2014* Grol-Prokopczyk, Hanna. "The Sociology of Pain: Applying Sociology to Real World Issues." Keynote address at Alpha Kappa Delta initiation ceremony, State University of New York at Fredonia.
- 2014 Grol-Prokopczyk, Hanna. "Long-term Pain Trajectories among Older American Adults: Findings from the Health and Retirement Study" (poster). Annual Meeting of the American Pain Society, Tampa, FL.

- 2014 Grol-Prokopczyk, Hanna. "How do Pain Researchers Measure Pain?" Annual Meeting of the Eastern Sociological Society, Baltimore, MD.
- 2011* Grol-Prokopczyk, Hanna. "Measuring Chronic Pain." Robert Wood Johnson Health and Society Scholars Colloquium, Madison, WI.
- 2011 Grol-Prokopczyk, Hanna, Mary McEniry, and Emese Verdes. "Categorical Borders Across Borders: Using Anchoring Vignettes to Measure Cross-National Differences in Health-Rating Style." Annual Meeting of the Population Association of America, Washington, DC.
- 2009 Grol-Prokopczyk, Hanna, Jeremy Freese, and Robert M. Hauser. "Anchors—A Way? Using Anchoring Vignettes to Calibrate Self-Rated Health." Annual Meetings of the American Sociological Association, San Francisco, CA.
- 2008 Grol-Prokopczyk, Hanna. "Thai and American Doctors on Medical Ethics, 2004-2006: Religion, Regulation, and Ethics Across Borders." Annual Meetings of the American Sociological Association, Boston, MA.
- 2007 Grol-Prokopczyk, Hanna. "Hiding From the Mirror? Self-Rated Appearance at the Door of Old Age." Gerontological Society of America Annual Meeting, San Francisco, CA.
- 2007 Grol-Prokopczyk, Hanna, Jeremy Freese, and Robert M. Hauser. "When One Man's 'Good' Is Another Man's 'Poor': Can Anchoring Vignettes Help Us Understand Subjective Ratings in Surveys?" Gerontological Society of America Annual Meeting, San Francisco, CA.
- 2007 Grol-Prokopczyk, Hanna. "Is East to West as Communitarianism is to Individualism? Insights from Thai and American Medical Ethics." Annual conference of the Southeast Asian Summer Studies Institute, Madison, WI.
- 2006 Grol-Prokopczyk, Hanna. "Obesity and Marriage Prospects Across the Life Course: Further Evidence of a Discriminatory Marriage Market." Annual Meeting of the Population Association of America, Los Angeles, CA.
- 2005 Grol-Prokopczyk, Hanna. "Buddhism vs. the Belmont report: A Comparison of Contemporary Medical Ethics in Thailand and the U.S." Council on Thai Studies annual conference, DeKalb, IL.
- 2005 Grol-Prokopczyk, Hanna. "WHO Says Obesity is an Epidemic? How Excess Weight Became an American Health Crisis." Annual Meetings of the American Sociological Association, Philadelphia, PA.

MEDIA COVERAGE

- For research on chronic pain: *The Australian*, *The Buffalo News*, Channel 2 News (Buffalo; WGRZ), *Daily Mail*, *MarketWatch*, *Medium*, *The Nation's Health* (publication of the American Public Health Association), *The New York Times*, *U.S. News & World Report*, WBFO (National Public Radio), Vox.com.

- For research on media depictions of celebrity fertility: *The Guardian*, Live Science, Slate.
- For research on U.S. counterterrorism: Business Insider, BuzzFeed News, PBS (Frontline), Voice of America.

PROFESSIONAL SERVICE

National or International Service

Ongoing	Occasional reviewer for <i>Demography</i> , <i>Demographic Research</i> , <i>Field Methods</i> , <i>Health and Quality of Life Outcomes</i> , <i>Innovation in Aging</i> , <i>Journal of Epidemiology & Community Health</i> , <i>The Journals of Gerontology: Series B (Social Sciences)</i> , <i>Journal of Health and Social Behavior</i> , <i>The Journal of Pain</i> , National Science Foundation (NSF), <i>PAIN</i> , <i>Pain Medicine</i> , <i>PAIN Reports</i> , <i>Social Science & Medicine</i> , <i>SSM - Population Health</i>
2023-	Member of Governing Board of PURPOSE (Positively Uniting Researchers of Pain to Opine, Synthesize, and Engage; https://painresearchers.com/), an NIH-funded coordinating center for U.S. pain scientists.
2023	Participant in Delphi study to develop a minimum dataset of equity-relevant items for collection and reporting in human pain research (organized by ISSHOOs, Investigating Social Factors that Stratify Health Opportunities and Outcomes).
2022	Participant in Delphi study to identify recommended core outcome domains for pain research (organized by INTEGRATE-Pain, the IMI-NIH Transatlantic Emphasis Group on Research And Translation-to-care Efforts for Pain).
2017-2022	Multiple roles in ACTION (Analgesic, Anesthetic, and Addiction Clinical Trial Translations, Innovations, Opportunities, and Networks), a public-private partnership with the U.S. Food and Drug Administration (FDA): • Member of Executive Committee. • Inaugural chair, pain disparities working group (ADDAPT: Addressing Disparities in the Distribution and Assessment of Pain and its Treatment). • Organizer of interdisciplinary workshop on “Pain, Pain Treatment, and Inequality: High-Priority Findings and Gaps in Pain Disparities Research.” Held in Potomac, MD on Dec. 7-8, 2017.
2020-2021	Organizer of session on “Demographic Perspectives on Chronic Pain and Opioids” for 2021 Population Association of America annual meeting.
2019-2020	Organizer of sessions on “Drugs, Alcohol, and Accidental Deaths” and “Opioid Use and Mortality” for 2020 Population Association of America annual meeting. [Cancelled due to Covid-19.]
2019	Member of American Sociological Association Section on Aging and the Life Course (SALC) Graduate Student Paper Award Committee.

University/College Service

2024 (Jan.)-	Member, CAS (College of Arts and Sciences) Awards and Recognition Committee
2022-2023	Member, CAS Space Policy Committee (regarding classroom/office space, not outer space)

2019	Selection Committee Member, UB Outstanding Ph.D. Dissertation Award (for all Social Sciences and Education departments)
2017-2019	Faculty senator, University at Buffalo Faculty Senate
2014-2019	Member, Math/Quantitative Reasoning Subgroup of the UB Curriculum (General Education) Steering Committee, University at Buffalo, SUNY

Departmental Service

2024	Co-chair, Korea Foundation Professor Search Committee
2020-2024	Co-organizer of Family, Life Course, and Sociology of Health (FLASH) Works-in-Progress Group
2022-2023	Director of Undergraduate Studies (Jan. 2022-May 2023)
2022	Member, Clinical Assistant Professor Search Committee
2021	Member, Undergraduate Studies Committee
2021	Chair, Clinical Assistant Professor Search Committee
2020	Member, Assistant Professor Search Committee
2019-2020	Member, Graduate Studies Committee
2017-2019	Organizer, Department Colloquium series
2014-2016	Member, Graduate Studies Committee
2013-2014	Member, Undergraduate Studies Committee

TEACHING

Courses taught at University at Buffalo, SUNY:

Undergraduate:

- Soc. 294: Basic Statistics for the Social Sciences
- Soc. 322: Medical Sociology
- Soc. 378: Social Inequalities and Health

Graduate:

- Soc. 504: Introductory Statistics for the Social Sciences
- Soc. 541: Sociology of Health and Illness
- Soc. 569: Social Inequalities and Health
- Soc. 575: Selected Topics Tutorial: Health and Healthcare
- Soc. 575: Selected Topics Tutorial: Gender and Health
- Soc. 575: Selected Topics Tutorial: Medical Sociology
- Soc. 701: Graduate Research

Course taught at University of Wisconsin-Madison (undergraduate):

- Soc. 532: Health Care Issues for Individuals, Families, and Society (co-taught with Cameron Macdonald)

(AMERICANIZED) PRONUNCIATION OF “PROKOPCZYK”:

“Pro” + “cop” + “chick”