

CURRICULUM VITAE
NOLAN M. KAVANAGH

CURRENT POSITIONS

M.D./Ph.D. Student in Health Policy

1. University of Pennsylvania, Perelman School of Medicine
2. Harvard University, Interfaculty Initiative in Health Policy
nolankavanagh@fas.harvard.edu

EDUCATION

M.D. (student)	University of Pennsylvania Perelman School of Medicine	<i>Gold Humanism Honor Society</i>	2027 (est.)
Ph.D. (student)	Harvard University	Health Policy (Political Analysis)	2026 (est.)
M.P.H.	University of Michigan School of Public Health	Health Behavior and Health Education Specialized in Health Communication	2019
B.S.	University of Michigan	Biochemistry (Highest Honors) Spanish (Highest Honors) <i>Phi Beta Kappa</i> <i>Phi Kappa Phi</i>	2018

RESEARCH

Guiding Questions

- What are the effects of policies and social structures on health and politics?
- How do chronic illnesses and disabilities shape political preferences and behavior?
- What are politically feasible policies that can improve access to health services?

Current Working Papers

1. **N.M. Kavanagh**, A.L. Campbell, A. McIntyre. Medicare eligibility and support for proposals to expand Medicare: A regression discontinuity analysis. 2023. R&R at *JAMA*.
2. **N.M. Kavanagh**, A. Menon. Did experiences with COVID-19 increase support for Medicare for All in 2020? 2023. R&R at *Public Opinion Quarterly*.

Peer-Reviewed Publications

*co-first author

1. C.E. Barrero, **N.M. Kavanagh**, M.E. Pontell, L.K. Salinero, C.S. Wagner, S.P. Bartlett, J.A. Taylor, J.W. Swanson. [Associations between Medicaid expansion and timely repair of cleft lip and palate](#). *Journal of Craniofacial Surgery*, 2023, 34(7), 2116–2120.
2. L. Larsson, **N.M. Kavanagh**, T.V.N. Nguyen, R.M. Castilho, T. Berglundh, W.V. Giannobile. [Influence of epigenetics on periodontitis and peri-implantitis pathogenesis](#). *Periodontology 2000*, 2022, 90(1), 125–137.
3. **N.M. Kavanagh**, N. Marcus, R. Bosire, B. Otieno, E.F. Bair, K. Agot, H. Thirumurthy. [Health and economic outcomes associated with COVID-19 in women at high risk of HIV infection in rural Kenya](#). *JAMA Network Open*, 2021, 4(6), e2113787.
 - Media coverage: [Contagion](#)
4. **N.M. Kavanagh**, A. Menon, J.E. Heinze. [Does self-reported health predict voting for right-wing populist parties in Europe?](#) *American Political Science Review*, 2021, 115(3), 1104–1109.
 - Media coverage: [Washington Post](#)
5. **N.M. Kavanagh**,* R.R. Goel,* A.S. Venkataramani. [County-level socioeconomic and political predictors of distancing for COVID-19](#). *American Journal of Preventive Medicine*, 2021, 61(1), 13–19.
 - Media coverage: [Academic Times](#)
6. D. Guadiana, **N.M. Kavanagh**, C.H. Squarize. [Oral health care professionals recommending and administering the HPV vaccine: Understanding the strengths and assessing the barriers](#). *PLOS ONE*, 2021, 16(3), e0248047.
7. **N.M. Kavanagh**, E.M. Schaffer, A. Ndyabakira, K. Marson, D.V. Havlir, M.R. Kanya, D. Kwarisiima, G. Chamie, H. Thirumurthy. [Planning prompts to promote uptake of HIV services among men: A randomized trial in rural Uganda](#). *BMJ Global Health*, 2020, 5(11), e003390.
8. N. Yu, T. Nguyen, Y.D. Cho, **N.M. Kavanagh**, I. Ghassib, W.V. Giannobile. [Personalized scaffolding technologies for alveolar bone regenerative medicine](#). *Orthodontics & Craniofacial Research*, 2018, 22(S1), 69–75.
9. S.P. Pilipchuk, T. Fretwurst, N. Yu, L. Larsson, **N.M. Kavanagh**, F. Asa'ad, K.C.K. Cheng, J. Lahann, W.V. Giannobile. [Micropatterned scaffolds with immobilized growth factor genes regenerate bone and periodontal ligament-like tissues](#). *Advanced Healthcare Materials*, 2018, 7(22), 1800750.

Policy Communications

1. Group for Technical Assistance (primary contributor, **N.M. Kavanagh**). Strategies for Communicating about Antimicrobial Resistance in Nepal. Presented to Nepalese Ministry of Health. Oct. 2018.

Op-Eds, Letters to the Editor, Academic Blogs

1. **N.M. Kavanagh**, A. Menon. [No, the pandemic didn't sink populism. It might have helped it.](#) *Washington Post*. 2021.
2. R.R. Goel, **N.M. Kavanagh**. [Beyond Structural Competency: Why Politics Should Be Taught During Medical Education.](#) *Academic Medicine*, 2020, 95(11), e10.
3. **N.M. Kavanagh**, R.R. Goel. [COVID-19 relief efforts: How can medical students maximize impact and equity?](#) *American Journal of Bioethics Blog*. 2020.
4. **N.M. Kavanagh**. [Is a surgery just a surgery?](#) *Apenndx Student Magazine*. 2020.

Abstracts and Presentations (by Me)

1. **N.M. Kavanagh**, A. Menon. Sick and tired: How changes in health shape populist sentiment. American Political Science Association, 15 Sept. 2022. Paper presentation.
2. **N.M. Kavanagh**. Saving Democracy with an Insulin Script? PennTalks Teaching Competition. 24 Feb. 2022.
3. **N.M. Kavanagh**, R.R. Goel, A.S. Venkataramani. County-level socioeconomic and political predictors of distancing for COVID-19. Pennsylvania Medical Society Poster Competition, 19 Feb. 2021.
4. **N.M. Kavanagh**, A. Menon, J.E. Heinze. Self-reported health predicts voting for right-wing populist parties. American Medical Association Research Symposium, 3 Dec. 2020. Poster presentation.
5. **N.M. Kavanagh**, E.M. Schaffer, A. Ndyabakira, K. Marson, D. Havlir, M. Kamya, D. Kwarisiima, G. Chamie, H. Thirumurthy. Planning prompts to promote uptake of HIV services among men: A randomized trial. Penn Global Surgery Symposium, University of Pennsylvania Perelman School of Medicine, 3 Oct. 2020. Brief presentation.
6. **N.M. Kavanagh**, et al, J. Lahann, W.V. Giannobile. Micropatterned scaffolds with immobilized growth factor genes regenerate bone and periodontal ligament-like tissues. Research Day, University of Michigan Biointerfaces Institute, 20 Mar. 2019. Microposter.

7. **N.M. Kavanagh**. Reverse Innovation: Communicating about Antibiotics in Nepal. Global Public Health Poster Session, University of Michigan School of Public Health, 18 Jan. 2019. Abstract and poster.
8. **N.M. Kavanagh**. Reverse Innovation: Communicating about Antibiotics in Nepal. Health Behavior and Health Education Internship Poster Session, University of Michigan School of Public Health, 23 Oct. 2018. Abstract and poster. First prize for top poster display.
9. **N.M. Kavanagh**, S.P. Pilipchuk, N. Yu, T. Fretwurst, L. Larsson, J.V. Sugai, J. Oh, A. Christman, J. Gerszberg, J. Lahann, W.V. Giannobile. Micropatterned scaffolds with immobilized adenoviral growth factor delivery regenerate bone and periodontal ligament-like tissue *in vivo*. Research Day, University of Michigan School of Dentistry, 21 Feb. 2018. Abstract and poster. First prize for basic research by a student.

Undergraduate Theses

“Delivery of BMP-7 genes immobilized onto 3D-printed scaffolds regenerates bone in periodontal defects”

Biochemistry major, 2018, Highest Honors

“Invasive parties: Explaining the absence of right-wing populism in Spain”

Spanish major, 2017, Highest Honors, Agnes Nicolini Vincenti Award for Best Thesis

Ad-Hoc Reviewer

American Journal of Preventive Medicine

BMJ Global Health

Disability and Health

International Journal of Health Policy and Management

Journal of General Internal Medicine

TEACHING AND MENTORSHIP

Teaching

Harvard	<i>MPH 105</i>	Public Health Policy & Politics	TA	Fall 2 2023
Harvard	<i>HPM 552</i>	Health Policy & Leadership <i>with Mayor Lori Lightfoot</i>	TA	Fall 1 2023
Harvard	<i>DPI 122</i>	Politics & American Public Policy	TA	Fall 2023
Harvard	<i>SBS 220</i>	Inequities in Children's Health	TA	Spring 1 2023
Harvard	<i>MPH 104</i>	Structural Determinants of Health	TA	January 2023
Harvard	<i>MPH 105</i>	Public Health Policy & Politics	TA	Fall 2 2022
Harvard	<i>MPH 104</i>	Structural Determinants of Health	TA	Fall 1 2022
Michigan	<i>DHYGRACK 694</i>	Applied Biostatistics	PI*	Winter 2022
Michigan	<i>DHYGRACK 694</i>	Applied Biostatistics	PI*	Winter 2021
Michigan	<i>DHYGRACK 694</i>	Applied Biostatistics	PI*	Winter 2020
Michigan	<i>DHYGRACK 694</i>	Applied Biostatistics	PI*	Winter 2019
Michigan	<i>HBEHED 503</i>	Intro. to Health Behavior Theory	TA	Fall 2018
Michigan	<i>DHYGRACK 694</i>	Applied Biostatistics	PI*	Winter 2018
Michigan	<i>CHEM 216</i>	Organic Chemistry Lab II	TA	Fall 2017
Michigan	<i>CHEM 211</i>	Organic Chemistry Lab I	TA	Fall 2016
Michigan	<i>CHEM 211</i>	Organic Chemistry Lab I	TA	Fall 2015

TA = teaching assistant; PI = primary instructor

*And adviser on thesis writing and statistics to master students in Dental Hygiene

Office of New Student Programming, University of Michigan

Ann Arbor, Mich.

Peer Mentor/Faculty Mentor

2014 2019

- Mentored 6-8 freshmen each fall, facilitating their smooth transition to college life
- Planned events, promoted mental and social health, and practiced cultural humility
- Motivated by my own time in the program, which helped me adjust to college

MEDICAL EXPERIENCES

Immersive Legislative Advocacy, Perelman School of Medicine

Philadelphia, Penn.

Primary Organizer, Adviser

2020, 2023

- Developed and co-led a summer experience to introduce students to legislative advocacy
- Organized 40 medical students to meet with 100+ Penn. legislators about police reform
- Taught sessions on behavioral strategies, local politics, and effective advocacy materials

American Medical Association/Pennsylvania Medical Society Philadelphia, Penn.
President of Penn Chapters 2020

- Reviewed, provided testimony for, and voted on organizations' health policy positions
- Organized school chapter's representation at meetings and coordinated our voting

Other leadership positions:

Ultrasound Curriculum, Teaching Assistant Perelman School of Medicine, 2022
Penn Med Pride, Recruitment Co-Chair Perelman School of Medicine, 2020
Penn Forum for Health Care Reform, Co-Chair Perelman School of Medicine, 2020
Center for Evidence-Based Practice, Guideline Writer Perelman School of Medicine, 2020
Perelman Admissions, Interviewer & Host Perelman School of Medicine, 2019 2020
Puentes de Salud, Clinic Volunteer Perelman School of Medicine, 2019 2020

PUBLIC HEALTH EXPERIENCES

Unified H.I.V. Health and Beyond Ypsilanti, Mich.
H.I.V. Test Counselor 2016 2019

- Tested patients for H.I.V. and counseled on behaviors to reduce vulnerability to H.I.V.
- Provided services to L.G.B.T.Q. and Black communities to reduce local inequities
- Trained for 25+ hrs. in motivational interviewing and clinical knowledge

Group for Technical Assistance & Henry Ford Health System Kathmandu, Nepal
Reverse Innovation Fellow 2018

- For 2 months, lived in Nepal, interviewed stakeholders about antibiotics, wrote proposals
- Developed national communications strategy about antibiotic use for Ministry of Health
- Adapted public health lessons for resource-strapped conditions of Detroit, Mich.

Sa' Nima' Collaborative, University of Michigan Ann Arbor, Mich.
Internal Education Lead 2015 2017

- Developed educational curriculums to teach English on service trips to Guatemala
- Collaborated with community leaders to understand needs and negotiate relationship
- Traveled to Samox for 1 week, facilitated transition to working with new community

DEFINING EXPERIENCES

Studied abroad in Madrid, Spain, learning language, culture, and politics (winter 2016)
Served with Habitat for Humanity for 10 days in Asunción, Paraguay (Aug. 2015)
Catechist/volunteer for summer camp at St. Lawrence Parish in hometown for 10+ summers

SPECIAL SKILLS

Nearly fluent in written and spoken Castilian Spanish
 Trained in motivational interviewing for over 65 hours
 Proficient in R, Stata, and SPSS; competent in HTML/CSS, C++, and Python

HONORS, AWARDS, AND FELLOWSHIPS

MS1 Summer Research Grant	Penn	2020
Gamble Scholarship	Penn	2019
Reverse Innovation Fellowship	Michigan/Henry Ford Health Sys.	2018
James B. Angell Scholar for 7 semesters	Michigan	2018
Honors Summer Fellowship	Michigan Honors Program	2017
Agnes Nicolini Vincenti Award	Michigan Romance Languages	2017
Walter Yates Award	Michigan Chemistry	2017
Vincenti Scholarship for Study Abroad	Michigan Romance Languages	2015
Chemistry Alumni First Year Achievement Award	Michigan Chemistry	2015
William J. Branstrom Freshmen Prize	Michigan	2015
J. B., C. J., and M. Smith Hunt Scholarship	Michigan	2014
National Merit Finalist and Scholarship Winner	National Merit Scholarship Corp.	2014
University of Michigan Regents' Scholarship	Michigan	2014

Honorable mentions

Fulbright Scholarship Alternate	Fulbright Program	2019
Rhodes Scholarship Finalist	Rhodes Trust	2018
Gates Cambridge Scholarship Finalist	Gates Cambridge Trust	2018
Kanders Churchill Scholarship Alternate	Churchill Foundation	2018