

BIOGRAPHICAL SKETCH

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NAME: Paul R. Duberstein

eRA COMMONS USER NAME (credential, e.g., agency login): pauldubenstein

POSITION TITLE: Professor (with tenure), Rutgers School of Public Health

EDUCATION/TRAINING (*Begin with baccalaureate or other initial professional education, such as nursing, include postdoctoral training and residency training if applicable. Add/delete rows as necessary.*)

INSTITUTION AND LOCATION	DEGREE (if applicable)	Completion Date MM/YYYY	FIELD OF STUDY
University of Pennsylvania, Philadelphia	B.A.	05/1982	Psychology
Harvard Medical School/ McLean Hospital	Internship	06/1989	Clinical Psychology
SUNY / Buffalo, Buffalo, NY	Ph.D.	05/1990	Clinical & Community Psychology
University of Rochester Medical Center	Postdoctorate	06/1993	Geriatric Mental Health

A. Personal Statement

I am a public health psychologist and chair of the Department of Health Behavior, Society, and Policy at the Rutgers School of Public Health. Prior to joining Rutgers, I worked at the University of Rochester School of Medicine and Dentistry (1993-2018), where I held appointments in the Departments of Psychiatry (primary), Medicine, and Family Medicine. At Rochester, I served as Director of Research in the Department of Medicine's Division of Palliative Care.

For the past fifteen+ years, my colleagues and I have conducted research that aims to improve end-of-life (EoL) outcomes among seriously ill patients and their family caregivers by enhancing the quality of communication and medical decision-making at the point-of-care. This application, which aims to explore community-based oncologists' attitudes and beliefs about offering prognostic information, and then create a tool to facilitate prognostic communication, is consistent with my broader program of research in EoL care. I will contribute expertise in the conceptualization and measurement of both prognostic understanding and patient-clinician communication about prognosis.

Ongoing and recently completed projects that I would like to highlight include:

1. Robert Wood Johnson Foundation (Cantor/Dong)
The New Jersey Population Health Cohort Study
Role: Investigator
1/1/21-12/31/23
2. U01 CE002664 (Duberstein/Jerant)
Tailored Activation in Primary Care to Reduce Suicide Behaviors in Middle Aged Men
Role: Co-PI
9/1/15-8/31/19
3. R01 CA168387 (Duberstein/Prigerson)
Impact of a Novel Cancer Communication Intervention on Caregiver Bereavement
Role: Co-PI
1/23/13-12/31/18
4. R01 CA140419 (Epstein)
RCT of Patient, Caregiver and Physician Communication Coaching in Advanced Cancer
Role: Investigator
4/1/11-3/31/17

5. New Jersey Commission on Cancer Research (Duberstein)
COCR22RBG003
A Trial of the VOICE 2 Intervention
Role: PI
7/1/21-6/30/23
6. U01 CA233167 (Mohile)
Analyzing and Interpreting Clinician and Patient Adverse Event Data
Role: PI/Subcontract
09/01/18 – 08/31/23
7. Cancer Institute of NJ (Duberstein)
Pilot of the VOICE 2 Intervention: Latinx and African American/Black Participants
Role: PI
03/01/20 -02/28/22
8. R34 MH101236 (Wittink)
Developing Customized Primary Care to Improve Mental Health
Role: Co-Investigator
5/1/14-4/30/17

Citations

- a) **Duberstein, P.R.**, Maciejewski, P.K., Epstein, R.M., Fenton, J.J., Chapman, B., Norton, S.A., Hoerger, M., Wittink, M.N., Tancredi, D.J., Xing, G., Mohile, S. G., Kravitz, R.L., & Prigerson, H.G. (2019). Effects of the Values and Options in Cancer Care Communication Intervention on personal caregiver bereavement outcomes. *Journal of Palliative Medicine*, 22(11), 1394-1400. PMID: PMC6818485.
- b) Mohile, S.G., Epstein, R., Hurria, A., Heckler, C., **Duberstein, P.**, Canin, B., Gilmore, N., Wells, M., Xu, H., Culakova, E., Lowenstein, L., Flannery, M., Magnuson, A., Loh, K.P., Mustian, K., Hopkins, J., Liu, J.J., Melnyk, N., Morrow, G., & Dale, W. (2019) Communication With Older Patients With Cancer Using Geriatric Assessment: A Cluster-Randomized Clinical Trial From the National Cancer Institute Community Oncology Research Program. *JAMA Oncology*, 6(2), 2020;6(2):196-204. PMID: PMC6865234
- c) **Duberstein, P.R.**, Chen, M., Hoerger, M., Epstein, R.M., Mohile, S.G., Saeed, F., Perry, L., Yilmaz, S., & Norton, S.A. (2020). Conceptualizing and counting discretionary utilization: A scoping review. *Journal of Pain and Symptom Management*, 59(4), 894-915. doi: 10.1016/j.jpainsymman.2019.10.009. Epub 2019 Oct 19. Review. PubMed PMID: 31639495
- d) Lund, J.L., **Duberstein, P.R.**, Loh, K.P., Plumb, S.Lei, L., Keil, A.P., Islam, J.Y., Hanson, L.C., Sedenquist, M., & Mohile, S.G. (in press). Predicting life expectancy in older adults with advanced cancer: An evaluation of oncologists' estimates and a geriatric assessment-based predictive model. *Journal of Geriatric Oncology*.

B. Positions and Honors

Positions and Employment

- | | |
|--------------|---|
| 1993-2018 | Assistant Professor (1993-1999), Associate Professor (1999-2004) and Professor (2004-present) of Psychiatry (with tenure), University of Rochester (UR) |
| 2001-2008 | Research Director, Psychological and Social Sciences, Department of Psychiatry, UR |
| 2002-2008 | Co-Director, UR Center for the Study and Prevention of Suicide |
| 2004-2008 | Co-Director, Rochester Center for Mind Body Research |
| 2009 | Visiting Professor of Medicine, University of California, Davis |
| 2013-2018 | Professor of Psychiatry and Family Medicine, UR |
| 2016-2018 | Professor of Medicine (Division of Palliative Care), UR |
| 2017-2018 | Director of Palliative Care Research, UR |
| 2018-Present | Professor (with tenure) and Chair, Department of Health Behavior, Society, and Policy, Rutgers School of Public Health, Rutgers Biomedical Health Sciences (RBHS) |
| 2018-Present | Concentration Director, Social & Behavioral Health Sciences, Rutgers School of Public Health, RBHS |
| 2020-Present | Concentration Director, Population Aging, Rutgers School of Public Health, RBHS |

2021-Present Concentration Director, Population Mental Health, Rutgers School of Public Health, RBHS

Honors

- 2000 American Association of Suicidology Edwin Shneidman Award, Early Career Contributions to Suicidology
- 2005 American Psychological Foundation Theodore Millon Award, Mid-Career Contributions to Personality Science
- 2005 University of Rochester School of Medicine and Dentistry, **Junior Faculty Mentoring Award**
- 2006 The Outreach Community Center (Rochester, NY), Award of Special Recognition “in appreciation of contributions to the Mental Health Class for African American Pastors and Ministers in the Rochester community”

Other Relevant Experience

- 2005-2008 Co-Principal Investigator, Postdoctoral Training in Geriatric Psychiatry Research, T32MH073452, UR
- 2006-2012 Principal Investigator, Mental Health Research Education Grant for Research in Ethnically Diverse Communities, R25MH074898, UR
- 2007-2016 Associate Editor (2007-09, 2013-16) & Interim Editor-in-Chief (2010-12), *Psychology and Aging*
- 2009-2013 Co-Director, NIMH Institutional National Research Award, T32MH1891, UR
- 2016-2019 Publication Committee, Palliative Care Research Cooperative Group
- 2018-Present Associate Member, Institute for Health, Health Care Policy, and Aging Research, RBHS
- 2019-Present Full Member, Cancer Institute of New Jersey (Cancer Prevention and Control), RBHS
- 2020-Present Member, Steering Committee, Cancer Institute of New Jersey- Princeton University Population Science Consortium
- 2020-Present Full Member, Center for Cancer Health Equity, Cancer Institute of New Jersey and Rutgers School of Public Health, Rutgers Biomedical Health Sciences (RBHS)

C. Contributions to Science (from more than 270 publications; h index [Google]=89; h index [Scopus]=66)

1. Experience conducting multi-site pragmatic trials of communication interventions targeting oncologists, patients with serious illness, and caregivers

Funded by two linked R01s from the National Cancer Institute, the Values and Options in Cancer Care (VOICE) studies examined the impact of a behavioral communication Intervention on patient/caregiver-oncologist communication at the point-of-care, patient outcomes (e.g., quality of life), patient healthcare utilization at the end of life (e.g., chemotherapy in the final 30 days of life), caregiver perceptions of end-of-life care, and caregiver bereavement adjustment (**a-c**). Funded by the Patient Centered Outcomes Research Institute (PCORI), the Improving Communication in Older Cancer Patients and Their Caregivers (COACH) study examined the impact of a geriatric assessment intervention on patient/caregiver-oncologist communication about age-related conditions (**d**).

- a) Epstein, R.M., **Duberstein, P.R.**, Fenton, J.J., Fiscella, K., Hoerger, M., Tancredi, D.J., Xing, G., Gramling, R., Mohile, S., et al. (2017). Effect of a Patient-Centered Communication Intervention on Oncologist-Patient Communication, Quality of Life, and Health Care Utilization in Advanced Cancer: The VOICE Randomized Clinical Trial. *JAMA Oncology*, 3, 92-100. PMID: PMC5832439
- b) Rodenbach, R.A., Brandes, K., Fiscella, K., Kravitz, R.L., Butow, P.N., Walczak, A., **Duberstein, P.R.**, Sullivan, P., Hoh, B., Xing, G., Plumb, S., & Epstein, R.M. (2017). Promoting End-of-Life Discussions in Advanced Cancer: Effects of Patient Coaching and Question Prompt. *Journal of Clinical Oncology*, 35, 842-851. PMID: PMC5455683
- c) **Duberstein, P.R.**, Maciejewski, P.K., Epstein, R.M., Fenton, J.J., Chapman, B., Norton, S.A., Hoerger, M., Wittink, M.N., Tancredi, D.J., Xing, G., Mohile, S. G., Kravitz, R.L., & Prigerson, H.G. (2019). Effects of the Values and Options in Cancer Care Communication Intervention on Personal Caregiver Experiences of Cancer Care and Bereavement Outcomes. *Journal of Palliative Medicine*, 22(11), 1394-1400. PMID: PMC6818485
- d) Mohile, S.G., Epstein, R., Hurria, A., Heckler, C., **Duberstein, P.**, Canin, B., Gilmore, N., Wells, M., Xu, H., Culakova, E., Lowenstein, L., Flannery, M., Magnuson, A., Loh, K.P., Mustian, K., Hopkins, J., Liu, J.J., Melnyk, N., Morrow, G., & Dale, W. (2019) Communication With Older Patients With Cancer Using Geriatric Assessment: A Cluster-Randomized Clinical Trial From the National Cancer

2. Experience conducting rigorous foundational research supporting the need for innovative communication interventions in the care of seriously ill patients.

Many patients do not have a good understanding of their prognosis (**a-c**). They make high-stakes medical decisions that they come to regret based on mistaken beliefs about the efficacy of treatments and their belief that doctors and family members want them to choose particular treatments (**d**). These findings support the foundational assumptions underlying the proposed study.

- a) Malhotra, K., Fenton, J., **Duberstein, P.**, Epstein, R., Xing, G., Tancredi, D., Hoerger, M., Gramling, R., & Kravitz, R.L. (2019). Prognostic accuracy of patients, caregivers, and oncologists in advanced cancer. *Cancer*, 125, 2684-2692. doi: 10.1002/cncr.32127. PubMed PMID: 31034597
- b) Trevino, K.M., Prigerson, H.G., Shen, M.J., Tancredi, D.J., Xing, G., Hoerger, M., Epstein, R.M., & **Duberstein, P.** (2019). Association between advanced cancer caregiver-patient agreement on prognosis and hospice enrollment. *Cancer*, 125(18), 3259-3265. doi: 10.1002/cncr.32188. PMCID: PMC6717015
- c) Loh, K.P., Mohile, S.G., Epstein, R., McHugh, C., Flannery, M., Culakova, E., Lei, L., Wells, M., Gilmore, N., Babu, D., Whitehead, M.I., Dale, W., Hurria, A., Wittink, M., Magnuson, A., Conlin, A., Thomas, M., Berenberg, J., & **Duberstein, P.** (2019) Willingness to bear adversity and beliefs about the curability of advanced cancer in older adults. *Cancer*, 125(14), 2506-2513. doi: 10.1002/cncr.32074. PMCID: PMC6602839
- d) Saeed, F., Ladwig, S.A., Epstein, R.M., Monk, R.D., & **Duberstein, P.R.** (2020). Dialysis regret: Prevalence and correlates. *Clinical Journal of the American Society of Nephrology*, 15, 957-963. doi: 10.2215/CJN.13781119. PMCID: PMC7341783

3. Expertise in adapting and testing behavioral/communication interventions to meet the needs of patients in a wide variety of care and community settings.

I have extensive experience adapting, iteratively refining, and testing behavioral and communication interventions to meet the needs of difficult-to-reach and treatment-refractory patients, including those at elevated risk for suicide (**a, b, d**), individuals with cognitive impairment (**b**), and women living below the poverty line who have multiple medical and psychological comorbidities (**c**). My expertise in this domain will be vital as we work to ensure that the tool we develop meets the needs of all end-users.

- a) Heisel, M.J., Talbot, N.L., King, D.A., Tu, X.M., & **Duberstein, P.R.** (2015). Adapting interpersonal psychotherapy for older adults at risk for suicide. *The American Journal of Geriatric Psychiatry*, 23, 87-98. PMCID: PMC4211998
- b) Kiosses, D.N., Gross J.J., Banjaree, S., **Duberstein P. R.**, Putrino, D., & Alexopoulos G.S. (2017). Negative emotions and suicidal ideation during psychosocial treatments in older adults with major depression and cognitive impairment. *American Journal of Geriatric Psychiatry*, 25, 620-629. PMCID: PMC5429870
- c) **Duberstein, P.R.**, Ward, E.A., Chaudron, L.H., He, H., Toth, S.L., Wang, W., & Talbot, N.L. (2018). Effectiveness of Interpersonal Psychotherapy on depression, PTSD and social functioning for women with childhood abuse histories. *Journal of Consulting and Clinical Psychology*, 86, 868-878. PMCID: PMC6167992
- d) Kiosses, D. N., Alexopoulos, G. S., Hajcak, G., Apfeldorf, W., **Duberstein, P. R.**, Putrino, D., & Gross, J. J. (2018). Cognitive Reappraisal Intervention for Suicide Prevention (CRISP) for Middle-Aged and Older Adults Hospitalized for Suicidality. *The American Journal of Geriatric Psychiatry*, 26(4), 494-503. PMCID: PMC5860974

4. Experience leveraging rapid advances in technology to improve behavioral and communication interventions, and to ensure that those interventions are delivered with fidelity to a protocol.

I have experience using mixed-methods to develop (**a**) and test (**b-d**) technology-mediated behavioral interventions in health care settings. This work involves conducting stakeholder interviews prior to the

development of the intervention, collecting survey data during the trial, and conducting exit interviews with participants following the trial.

- a) Jerant, A., **Duberstein, P.**, Cipri, C., Bullard, B., Stone, D. M., & Paterniti, D. A. (2019). Stakeholder views regarding a planned primary care office-based suicide prevention tool. *Patient Education and Counseling*, 102(2), 332-339. PMID: PMC6886248.
- b) Kravitz, R. L., Franks, P., Feldman, M. D., Tancredi, D. J., Slee, C. A., Epstein, R. M., **Duberstein, P.R.**, Bell, R.A., Jackson-Triche, M., Paterniti, D.A., Cipri, C., Iosif, A-M., Olson, S., Kelly-Reif, S., Hudnut, A., Dvorak, S., Turner, C. & Jerant, A. (2013). Patient engagement programs for recognition and initial treatment of depression in primary care: A randomized trial. *JAMA*, 310(17), 1818-1828. doi:10.1001/jama.2013.280038; 10.1001/jama.2013.280038. PMID: PMC4493759
- c) Jerant, A., **Duberstein, P.**, Kravitz, R. L., Stone, D. M., Cipri, C., & Franks, P. (2020). Tailored activation of middle-aged men to promote discussion of recent active suicide thoughts: a randomized controlled trial. *Journal of General Internal Medicine*. Advance online publication. doi: 10.1007/s11606-020-05769-3. PMID: 32185660.
- d) Wittink, M.N., Walsh, P., Yilmaz, S., Mendoza, M., Street, R. L. Jr., Chapman, B. P., & **Duberstein, P.** (2018). Patient priorities and the doorknob phenomenon in primary care: Can technology improve disclosure of patient stressors? *Patient Education and Counseling*, 101(2), 214-220. doi: S0738-3991(17)30478-0 [pii]. PMID: PMC5803466

Complete List of Published Work in MyBibliography:

<https://pubmed.ncbi.nlm.nih.gov/?term=Duberstein+P&sort=date>