

CURRICULUM VITAE

Name: Elizabeth K. Seng, Ph.D.

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Education

2005 Bachelor of Arts, Psychology, Kent State University, Kent OH
2009 Master of Science, Clinical Psychology, Health Psychology Track, Ohio University, Athens OH
2012 Doctor of Philosophy (PhD), Clinical Psychology, Health Psychology Track, Ohio University, Athens OH

Postgraduate Training

2011-2012 Clinical Psychology Intern, Psychology Service, VA Connecticut Healthcare System, West Haven, CT
2012-2013 Clinical Health Psychology Postdoctoral Resident, Psychology Service, VA Connecticut Healthcare System, West Haven, CT
2012-20132013

Ferkauf Graduate School of Psychology, Yeshiva University, Bronx, NY
Ferdinand B. Rothbart Center for Research and Evaluation, VA Connecticut Healthcare System

Associate Professor, Clinical Psychology Ph.D. (Health Emphasis) Program, Ferkauf Graduate School of Psychology, Yeshiva University, Bronx, NY

Licensure and Credentialing

New York State, Psychology, License # 020322
National Register of Health Service Psychologists, ID # 54645

Society Membership

American Psychological Association (APA)

Revised July 2021

- 2016 Melody Willoughby, "Pain and medication adherence in people living with HIV"
- 2017 Amy Grinberg, "Examination of the psychometric properties of the Headache Specific Locus of Control Scale"
- 2017 Sarah Jo Mayson, "The effect of migraine self-monitoring on acceptance, mindfulness, and disability"
- 2017 Jaclyn Klepper, "Cogniphobia, effort, and neuropsychological performance in migraine"
- 2017 Alexandra Singer, "Meditation practice and stress: a secondary analysis of the Mindfulness-Based Cognitive Therapy for Migraine trial"
- 2017 Annalisa Sciuillo, "Daily perceived stress and sleep duration in chronic migraine and episodic migraine"
- 2018 Zarine Patel, "Hidradenitis suppurativa: the association of pain & depression with quality of life"
- Current Amanda Parker, "Injustice, quality of life, and psychiatric symptoms in people with migraine"
- Current Lauren Rosenberg, "Mindfulness and migraine"
- Current Nicole Butler, "Mindfulness-Based Cognitive Therapy and self-efficacy in people with migraine"
- Current Maya Marzouk, "The family impact of pediatric migraine"
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- 2014 Sarah Jo Mayson, "Acceptance in migraine: relationships with disability and psychological factors"
- 2014 Jaclyn Klepper, "Cogniphobia associated with anxiety, depression, and disability in adults with migraine"
- 2015 Amy Grinberg, "Relationship between headache specific locus of control, anxiety, and migraine-related quality of life"
- 2015 Alex Singer, "Non-pharmacologic treatments for migraine: understanding migraine treatment utilization and control beliefs"
- 2016 Annalisa Sciuillo, "Psychosocial factors associated with pain in Multiple Sclerosis"
- 2017 Zarine Patel, "Psychiatric Symptoms and Migraine Disability in the Family Burden of Migraine"
- 2017 Emily Mauser, "

- 2016-2017 Member, Headache Common Data Elements Working Group, National Institute of Neurological Diseases and Stroke (NINDS)
- 2018 Ad-Hoc Study Section Reviewer, NIH/NCCIH, Mechanisms of Mind and Body Interventions (R61/R33)
- 2016-present Site Visitor, APA Commission on Accreditation
- 2017-present Member (APA Representative), American Academy of Neurology (AAN)/AHS Headache Measure Workgroup
- 2018-present Chair, Behavioral and Integrative Health Work Group, Migraine Consensus-Based Guideline Group, American Academy of Pain Medicine Foundation
- 2019 Ad-Hoc Study Section Reviewer, NIH/NINDS, NDS-K Section

Journal Service

Peer Reviewer

- 2015 Guest Editor for Virtual Issue, "Evidence-Based Behavioral Interventions for the Treatment of Headache"

University Service

- 2007-2009 Departmental Representative for Psychology, Graduate Student Senate, Ohio University
- 2008-2009 Student Representative to the Clinical Section, Psychology Department, Ohio University
- 2010-2011 Clinical Comprehensive Exam Representative, Psychology Department Ohio University
- 2012-2013 Mentor, Women in Science at Yale, Yale University
- 2015-2016 Member, YU Faculty Committee on International Engagement, Yeshiva University
- 2013-present Co-Director, Assessment Sequence, Clinical Psychology Health Emphasis Program, Ferkauf Graduate School of Psychology, Yeshiva University
- 2013-present Director, Research Methods Minor, Ferkauf Graduate School of Psychology, Yeshiva University
- 2013-present Chair, Student Life Committee, Yeshiva University

2013-2016 Direct (o)12 (m)-6 (m)-5jEMC /6 (ogrds)-2 (M)-6 (o)10.5 (m)-5.9 (en i)2.6 (n)1.2

2013-2016

Public Service and Patient Education

2008	Invited Lecture, "Mental Health in Adolescents," Young Life, Athens, OH
2013-2018	Author, American Migraine Foundation (and formerly American Council for Headache Education) patient resources
2014-2015	Mentor, High School Intel Science Talent Search, Queens, NY
2016	Invited Lecture, "Reducing Headache Disorder Burden: Caring for the Whole

Selected Previous Research Activity

Treatment of Severe Migraine Trial (2000-2012)

Ohio University

Role: Research Trainee and Collaborator; PI: Kenneth Holroyd, Ph.D.

Willingness to Trade-Off (2013-2017)

Yeshiva University, Yale School of Medicine, VA Connecticut Healthcare System

Role: PI; Collaborator: Liana Fraenkel, M.D.

Acceptance and Avoidance in Migraine (2014-2017)

Yeshiva University, Albert Einstein College of Medicine & Montefiore Medical Center

Role: PI; Collaborator: Dawn Buse, Ph.D.

Revised July 2021

- Symposium Speaker, “Psychiatric Comorbidity in Migraine: Screening Tools and Non-Pharmacologic Treatment Options”

- Faculty Symposium, “Does Mindfulness-Based Cognitive Therapy for Migraine Reduce Migraine-

7. **Seng EK**, Driscoll MA, Brandt CA, Bathulapalli H, Goulet J, Silliker J, Kerns RD, Haskell SG. Prescription headache medication in OEF/OIF veterans: results from the Women Veterans Cohort Study. *Headache*. 2013 Sep; 53(8):1312-22.e1r3 0.e1r3 0.e1r3

18. Jiang, JM, **Seng, EK**, Zimmerman, ME, Kim, M, Lipton RB. Positively worded subscale score of the Perceived Stress Scale is associated with cognitive domain function. *J Behav Brain Sci* . 2017 Jul; 7(7):311-324. DOI: { HYPERLINK "https://doi.org/10.4236/jbbs.2017.77023" \t "_blank" }. PMC5777589.
19. **Seng EK**, Klepper JE. Development of the Cogniphobia Scale for Headache Disorders (CS-HD): a pilot study. *Psychol Assessment*. 2017 Oct; 29(10):1296-1301. DOI: 10.1037/pas0000432. PMC5529280.
20. **Seng EK**, Buse DC, Klepper JE, Mayson SJ, Grinberg AS, Grosberg BM, Pavlovic JM, Robbins MS, Vollbracht SE, Lipton RB. Psychological factors associated with chronic migraine and severe migraine-related disability: an observational study in a tertiary headache center. *Headache*, 2017; Apr;57(4):593-604. DOI: 10.1111/head.13021. PMC5378650.
21. **Seng EK**, Robbins MA, Nicholson RA. Acute migraine medication adherence, migraine disability and patient satisfaction: a naturalistic diary study. *Cephalalgia*. 2017; Sep;37(10):955-964. DOI: 10.1177/0333102416663459. PMC5329165.
22. Grinberg AS, **Seng EK**. Headache-specific locus of control and migraine-related quality of

40. Luedtke K, Basener A, Bedei S, Castein R, Chaibi A, Falla D, Fernandez de-las-Penas C, Gustafsson M, Hall T, Jull G, Kropp P, Kjeldgaard Madsen G, Schaefer B, **Seng EK**, Steen C, Tuchin P, von Piekartz H, Wollesen B. Outcome measures for assessing the effectiveness of non-pharmacological interventions in chronic or frequent episodic migraine: a Delphi study. *BMJ Open*. 2020. Feb 10(2):e029855. DOI: 10.1136/bmjopen-2019-029855. PMC7044826.
41. Patel ZS, Hoffman LK, Sutton L, Cohen SR, Lowes MA, **Seng EK**. The patient experience of pain in hidradenitis suppurativa. *Brit J Dermatol*. 2020; 183(2):401-401. DOI: 10.1111/bjd.19016.
42. Lipton RB, **Seng EK**, Chu MK, Reed ML, Fanning KM, Adams AM, Buse DC. The effect of psychiatric comorbidities on headache-related disability in migraine: results from the Chronic Migraine Epidemiology and Outcomes (CaMEO) study. *Headache*. 2020; 60(8):1683-1696. DOI: 10.1111/head/13914. PMC7496280.
43. DeLuca L, Toro-Ramos T, Michaelides A, **Seng EK**, Swencionis C. Relationship between age and weight loss in Noom: quasi-experimental study. *JMIR Diabetes*. 2020; 5(2):e18363. DOI: 10.2196/18363. PMC7303833.
44. Minen MT, Jalloh A, Begasse de Dhaem O, **Seng EK**. Behavioral therapy preferences in people with migraine. *Headache*. 2020 60(6):1093-1102. DOI: 10.1111/head.13790. PMC7754245.
45. **Seng EK**, Conway AB, Grinberg AS, Patel ZS, Marzouk M, Rosenberg L, Metts C, Day MA, Minen MT, Buse DC, Lipton RB. Response to Mindfulness-Based Cognitive Therapy differs between chronic and episodic migraine. *Neurol Clin Pract* 2021; 11(3): 194-205. DOI: 10.1212/CPJ.0000000000000984.
46. Pakray, H, **Seng EK**, Izzeltoglu M, Holtzer R. The effects of perceived pain in the past month on prefrontal cortex activation patterns assessed during cognitive and motor performance in older adults. *Pain Med*. 2021; 22(2):303-314. DOI: 10.1093/pm/jpnaa404. PMC7901851.
47. Willoughby M, Weinberger AH, Shuter J, Seng EK. Pain and medication adherence in adult cigarette smokers living with HIV: A cross-sectional observational study. *AIDS Care*. Nov 2020. DOI: 10.1080/09540121.2020.1849530.
48. Minen M, Corner S, Berk T, Levitan V, **Seng EK**. Heart rate Variability Biofeedback for Migraine Using a Smartphone Application and Sensor: A Pilot Randomized Controlled Trial. *Gen Hosp Psychiatry*. 2021;69:41-49. DOI: 10.1016/j.genhosppsych.2020.12.008.
49. Weinberger AH, Pang RD, **Seng EK**, Levin J, Esan H, Segal KS, Shuter J. Self-control and cigarette smoking among a sample of persons living with HIV/AIDS: a cross-sectional survey. *Addictive Behaviors*. 2021;116:106807. DOI: 10.1016/j.addbeh.2020.106807. PMC7887055.
50. Cohen J, **Seng EK**, Foley F. Cognitive and motor slowing mediate the relationship between depression and falls in Multiple Sclerosis patients. *Mult Scler Relat Disord*. 2021 3;50:102808. DOI: 10.1016/j.msard.2021.102808.

Neurol. 2016 Jun; 29(3):309-13.

11. Patel ZS, Hoffman LK, Buse DC, Grinberg AS, Afifi L, Cohen SR, Lowes MA, **Seng EK**. Pain, psychological comorbidities, disability and impaired quality of life in Hidradenitis Suppurativa. *Curr Pain Headache Rep*. 2017 Nov; 21(12):49. PMC5784845.
12. Rosenberg L, Butler N, **Seng EK**. Health behaviors in episodic migraine: why behavior change matters. *Curr Pain Headache Rep*. 2018 Sept; 22(10):65.
13. Wells RE, **Seng EK**, Edwards RR, Victorson DE, Pierce CR, Rosenberg L, Napadow V, Schuman-Olivier Z. Mindfulness in migraine. *Expert Rev Neurother*. 2020 Mar; 20(3): 207-225. PMC7213534
14. Minen M, Law EF, Harriott A, **Seng EK**, Hranilovich J, Szperka C, Wells RE. Challenges to successful research careers in neurology: how gender differences may play a role. *Neurology*. 2020 Aug;95(8):349-359. PMC7668548
15. Robbins MS, Victorio C, Baily M, Cook C, Garza I, Huff JS, Ready D, Schuster NM, Seidenwurm D, **Seng EK**, Szperka C, Lee E & Villanueva R. Quality improvement in neurology: headache quality measure set. *Neurology*. 2020 95(19):866-873. PMC7713732.
16. Marzouk M, **Seng EK**. The impact of parental migraine on children. *Curr Pain Headache Rep*. 2021 24(12):81. DOI: 10.1007/s11916-020-00915-2.
17. Begasse de Dhaem O, Kiarashi J, Armand CE, Charleston L, Szperka CL, Lee S, Rajapakse T, **Seng EK**, VanderPluym JH, Starling AJ. Eleven things to facilitate participation of underrepresented groups in headache medicine research. *Headache*. Forthcoming.

Abstracts

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6. **Seng EK**, Holroyd KA, Drew JB, Cottrell C. Assessment context alters observed relationships between migraine beliefs and migraine-related disability. *Cephalalgia*. 2009; 29(S1): 147.
7. **Seng EK**, Holroyd KA, Lewis K, Barnhouse C, Loochtan A. Optimal medication use in

19. **Seng EK.** When medication use is not routine: optimal use of medications taken as needed. *Ann Behav Med.* 2013; 45(S2): s155.
20. Holroyd KA, **Seng EK.** The influence of coping on changes in quality of life during migraine treatment. *Ann Behav Med.* 2013; 45(S2): s292.
21. Lee CJ, Swencionis C, **Seng E,** Wylie-Rosett J. Self-Efficacy and Change in BMI in a Longitudinal Randomized Controlled Trial for Weight Loss in an Obese and Overweight Population. Poster presented at: Meeting of The Obesity Society & The American Society for Metabolic and Bariatric Surgery; 2014 Nov 2-7, Boston, MA.
22. Monteith T, Minen M, Joshi S, **Seng EK.** Telementoring seminars in headache medicine: a novel model for mentorship. *Headache* 2014; 54(S1): P69.
23. **Seng EK,** Grinberg AS, Klepper JE, Mayson SJ, Scholl H, Sciuillo AF, Singer AB, Holroyd KA. Anxiety associated with reduction in disability with Optimized Acute Treatment for migraine *Ann Behav Med.* 2014; 47(S1): s214.
24. Lawson JL, Swencionis C, **Seng EK,** Wylie-Rosett J. Exploring the relationship of psychosocial determinants in the context of a weight loss intervention. Paper presented at: 22nd Annual International Society of Life (ISOQOL) Conference; 2015, Oct; Vancouver, BC.
25. **Seng EK,** Lawson J, Cevoni C, Oken T, Singer A, Marquez C, Sheldon S, Patel Z, Willoughby M, Chambers E, McKee M, Bonuck K. Sleep in Primary Care. Poster presented: NYC RING Convocation of Practices. 2015 Sept; Bronx, NY.
26. Klepper JE, Mayson SJ, Pavlovic J, **Seng EK.** Cogniphobia associated with increased pain anxiety, general anxiety, depression and migraine-related disability in adults with migraine. Poster presented at: 123rd Annual Convention of the American Psychological Association; 2015 Aug 6-9; Toronto, ON.
27. Singer AB, **Seng EK,** Buse DC, Sloan JH. Non-pharmacological treatment utilization in people with migraine. Poster presented at: 123rd Annual Convention of the American Psychological Association; 2015 Aug 6-9; Toronto, ON.
28. Mayson SJ, Klepper J, Buse DC, **Seng EK.** Acceptance in migraine: relationships with disability and psychological factors. Poster presented at: 123rd Annual Convention of the American Psychological Association; 2015 Aug 6-9; Toronto, ON.
29. **Seng EK,** Buse DC, Mayson S, Klepper J, Grosberg BM, Pavlovic JM, Robbins MS, Vollbracht S, Lipton RB. Migraine beliefs, psychiatric symptoms and migraine disability in a specialty headache clinic. *Headache.* 2015; 55(S3): PS44.
30. Grinberg AS, Sciuillo AF, Lipton RB, Holroyd KA, **Seng EK.** Relationship between headache specific locus of control, anxiety, and migraine related quality of life. *Headache.* 2015; 55(S3): PS43.
31. Nicholson RA, **Seng EK,** Smith TR, Dummitt BW, Yount BW. Opioid prescribing patterns in pediatric migraine, 2009-2014. *Headache.* 2015; 55(S3): PS2.

32. Nicholson RA, **Seng EK**, Smith TR, Dummitt BW, Yount BW. Pediatric migraine treatment: poor adherence to evidence-based acute medication guidelines. *Headache*. 2015; 55(S3): OR13.
33. Mauser ED, Patel Z, Robbins MS, **Seng EK**. The relationship between age of migraine

44. D'Angelo AB, Ashley CA, Singer AB, Buse DC, Jain D, **Seng EK**. Supporting and assessing treatment fidelity in the Bronx Mindfulness-Based Cognitive Therapy for Migraine Trial (B-MBCT-M). Poster presented at: 59th Annual Scientific Meeting of the American Headache Society. 2017 Jul; Boston, MA.
45. Patel Z, Seng E, Cohen S, Lowes M. Hidradenitis Suppurativa: The Relationship Between Pain, Depression, and Quality of Life. Oral presentation and abstract presented at: Symposium for Hidradenitis Suppurativa Advances. 2017 Nov; Detroit, MI.
46. Patel Z, **Seng EK**, Lowes M. Hidradenitis Suppurativa: Health Behavior Change and Coping Skills. Oral presentation and abstract presented at: Hidradenitis Suppurativa School, Symposium for Hidradenitis Suppurativa Advances. 2017 Nov; Detroit, MI.
47. Butler N, **Seng EK**, Nicholson RA. Associations between psychiatric symptoms, migraine disability, and medication overuse in people with migraine: secondary analysis of a naturalistic diary study. Oral presentation at: 59th Annual Scientific Meeting of the American Headache Society. 2017 May; Boston MA.
48. **Seng EK**, Metts B. **5.6 (on)1..6 (,)-3.6 ()J07288 12.6 ref0.102 g11.04 uys**

56. **Seng EK**, Butler N, Nicholson RA. Why people with migraine delay taking migraine-specific medication: a prospective observational study. *Int J Behav Med.* 2018;25(Suppl 1):S189-S190.
57. Rosenberg L, Fidelman J, **Seng EK**. Relationship between mindfulness and migraine-related outcomes. *Ann Behav Med.* 2019;53(S1):s798.
58. Butler N, Lofchie A, **Seng EK**, Nicholson RA. Anxiety, depression and acute migraine medication adherence: a secondary analysis of electronic daily diary data. *Ann Behav Med.* 2019;53(S1):s70.
59. Sutton L, Marzouk M, **Seng EK**. Relationship between age of onset and psychological factors in migraine patients. *Ann Behav Med.* 2019;53(S1):s98.
60. Parker A, Parker K, Vissicchio N, Schneider S, Shagalow S, **Seng EK**, Foley F. The influence of depression on the relationship of age and illness intrusiveness in Multiple Sclerosis. *Ann Behav Med.* 2019;53;(S1):s116.
61. Fidelman J, Krulis L, Lee KA, **Seng EK**, D'Andrea W. The relationship between childhood trauma exposure and reported pain symptoms. *Ann Behav Med.* 2019;53(S1):s363.
62. Lofchie A, Butler N, Robbins M, **Seng EK**. Predictor of non-adherence with acute migraine medications. Poster presented at the American Academy of Neurology Annual Convention. 2019 May; Philadelphia, PA.
63. **Seng EK**, Singer A, Metts C, Grinberg AS, Patel Z, Marzouk M, Rosenberg L, Day M, Minen M, Lipton RB, Buse DC. Does mindfulness-based cognitive therapy for migraine reduce migraine-related disability? Results from a Phase 2b Pilot Randomized Clinical Trial. *Headache.* 2019; 59(S1): 1-2.
64. **Seng EK**, Singer A, Metts C, Grinberg AS, Patel Z, Marzouk M, Rosenberg L, Day M, Minen M, Buse DC, Lipton RB. Response to mindfulness-based cognitive therapy for migraine in chronic and episodic migraine: Planned secondary analyses of a randomized clinical trial. *Headache.* 2019; 59(S1): 206-207.
65. Rosenberg L, **Seng EK**. The use of Mindfulness-Based Cognitive Therapy (MBCT) for migraine for the treatment of depressive symptoms in people with migraine: secondary analysis results from a phase 2b pilot randomized clinical trial. *Headache(l)2.6 as. Headache(l)2.6 asonda M*

argument for improvement in an integrated healthcare system in order to better treatment. *Headache*. 2020; 60(S1): 66.

69. Fenton BT, Lindsey H, Grinberg AS, Koo BB, **Seng EK**, Sico JJ. Prevalence of headache and comorbidities among men and women veterans across the Veterans Health Administration – a 10 year cohort study. *Headache*. 2020; 60(S1): 58-59.
70. Sico JJ, Fenton BT, Lindsey H, Grinberg AS, Guirguis A, Ney JP, **Seng EK**. Examining the utilization of neurotoxins in the treatment of chronic migraine – a cohort study from the Veterans Health Administration. *Headache*. 2020; 60(S1): 68.