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## CURRICULUM VITAE

Kevin Erik Vowles, Ph.D.

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### Offices:

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### Current Position

Associate Professor (August 2014 – present)  
Area Head, Health Psychology (August 2015 – Present)  
Department of Psychology  
University of New Mexico

Co-Director (January 2017 – present)  
Functional Restoration Program  
Center for Spine and Musculoskeletal Health  
Division of Physical Medicine and Rehabilitation  
Department of Neurosurgery  
University of New Mexico Hospital System

### Licensure

2016 – present Licensed Clinical Psychologist, New Mexico State Board of Psychology  
Examiners (License No: 1405)

2009 – 2013 Practitioner Psychologist, United Kingdom Health and Care Practitioners  
Council (Reg No: PYL25528)

### Education and Training

Post-Doctoral Fellowship  
Division of Pain Management  
Department of Anesthesiology  
University of Virginia Health Sciences Center  
Charlottesville, Virginia, USA  
August 2004-July 2005

Doctor of Philosophy (Clinical Psychology)  
West Virginia University (*APA accredited*)  
Department of Psychology  
Morgantown, West Virginia, USA  
Degree completed: November 2004  
Dissertation Title: "*Pain-Related Acceptance and Functional Ability in Individuals with Chronic Pain*"

Pre-Doctoral Intern in Clinical Psychology  
Greater Hartford Clinical Psychology Consortium (*APA accredited*)  
Hartford, Connecticut, USA  
July 2003-June 2004  
Rotations: Behavioral Medicine, Adult Mental Health, Geropsychology, Diabetes (Minor Rotation)

Master of Arts (Clinical Psychology)  
West Virginia University  
Department of Psychology  
Morgantown, West Virginia, USA  
Degree completed: December 2001  
Thesis Title: "*Which is worse, pain or fear?: Investigating the interaction between two aversive states.*"

Bachelor of Arts in Psychology  
The University of Colorado at Boulder  
Boulder, Colorado, USA  
Degree completed: December 1997

### **Professional Affiliations**

American Pain Society  
Association for Contextual Behavioral Science  
Society of Behavioral Medicine

### **Awards and Honors**

2018	Dixie Eastridge Memorial Speaker, Four Corners Association for Behavior Analysis
2015	Fellow, Association for Contextual Behavioral Analysis
2013	UK Health Integration Award (Pain Management Category)
2012, 2013	Nominated, New Teacher of the Year Award, University of New Mexico

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- 2012 - Senior Fellow, Robert Wood Johnson Foundation, UNM Center for Health Policy
- 2011 Young Researcher Award, British Pain Society
- 2006 Travel Award, American Pain Society
- 2005 Travel Award, American Pain Society
- 2003 Hake Award for Outstanding Graduate Student Career, West Virginia University, Department of Psychology
- 2003 International Research Fellowship, University of Bath, United Kingdom

### Research Activity

#### *Publications*

- McEntee, M. L., Pielech, M., & Vowles, K. E. (in press). Pain. In V. Zeigler-Hill & Shackelford, T. K. (Eds.), *Encyclopedia of personality and individual differences*. New York: Springer.
- Sullivan, M., Langford, D., Davies, P. S., Tran, C., Vilardaga, R., Cheung, G., Yoo, D., McReynolds, M. S., Lober, M. D., Tauben, D., & Vowles, K. E. (in press). Development and Controlled Trial of Pain Tracker Self-Manager: A web-based platform to support chronic pain self-management. *Journal of Pain*.
- Vowles, K. E., Bailey, R. W., McEntee, M. L., Pielech, M., Edwards, K. A., Bolling, L. A., & Rivers, W. E. (in press). Using analgesics for emotional modulation is associated with increased distress, depression, and risk of opioid and alcohol misuse: Initial evaluation and component analysis of the Reasons for Analgesic Use Measure (RAUM). *Clinical Journal of Pain*.
- Vowles, K. E., Witkiewitz, K., Pielech, M., Edwards, K. A., McEntee, M. L., Bailey, R. W., Bolling, L. A., & Sullivan, M. D. (in press). Alcohol and opioid use in chronic pain: A cross-sectional examination of differences in functioning based on misuse status. *Journal of Pain*.
- Steffen, L. E., Vowles, K. E., Smith, B. W., Gan, G. N., & Edelman, M.J. (2018). Daily diary study of hope, stigma, and functioning in lung cancer patients undergoing chemotherapy or radiotherapy. *Health Psychology, 37*, 218-227.
- Thompson, M., Vowles, K. E., Sowden, G., Ashworth, J., & Levell, J. (2018). A qualitative analysis of patient-identified adaptive behavior changes following interdisciplinary Acceptance and Commitment Therapy for chronic pain. *European Journal of Pain, 22*, 989-1001.
- Witkiewitz, K., Votaw, V. R., Vowles, K. E., & Kranzler, H. R. (2018). Opioid misuse as a predictor of alcohol treatment outcomes in the COMBINE study: Mediation by medication

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- adherence. *Alcoholism: Clinical and Experimental Research*, 42, 1249-1259.
- Witkiewitz, K., & Vowles, K. E. (2018). Alcohol and prescription opioid use, co-use, and chronic pain in the context of the opioid epidemic: A critical review. *Alcoholism: Clinical and Experimental Research*, 42, 478-488.
- Bailey, R. B., & Vowles, K. E. (2017). Using screening tests to predict aberrant use of opioids in chronic pain patients: Caveat Emptor. *Journal of Pain*, 18, 1427-1436.
- Sullivan, M. D., & Vowles, K. E. (2017). Patient activation: As a means and end for chronic pain care. *Pain*, 158, 1405-1407.
- Edwards, K. A., Vowles, K. E., & Witkiewitz, K. (2017). Co-use of alcohol and opioids. *Current Addiction Reports*, 4, 194-199.
- Pielech, M., Vowles, K. E., & Wicksell, R. (2017). Acceptance and Commitment Therapy for pediatric chronic pain: Theory and application. *Children*, 4, 1-12.
- Vowles, K. E., Johnson, L. E., Gertz, K. J., & Jensen, M. J. (2017). Development and preliminary testing of a screening measure of acceptance and willingness in relation to pain, fatigue, and sadness in chronic pain. *Clinical Journal of Pain*, 33, 160-165.
- Vowles, K. E., Witkiewitz, K., Levell, J., Sowden, G., & Ashworth, J. (2017). Are reductions in pain intensity and pain-related distress necessary? An analysis of within-treatment change trajectories in relation to improved functioning following interdisciplinary Acceptance and Commitment Therapy for adults with chronic pain. *Journal of Consulting and Clinical Psychology*, 85, 87-98.
- Bailey R.W., Vowles, K. E., Witkiewitz, K., Sowden, G., & Ashworth, J. (2016). Examining committed action in chronic pain: Further validation and clinical utility of the Committed Action Questionnaire. *Journal of Pain*, 17, 1095-1104.
- Mansell, G., Hill, J. C., Main, C. J., van der Windt, D., & Vowles, K. E. (2016). Exploring what factors mediate treatment effect: Example of the STarT Back study high-risk intervention. *Journal of Pain*, 17, 1237-1245.
- Paulus, D. J., Bakhshaie, J., Garza, M., Ochoa-Perez, M., Mayorga, N. A., Bogiaizian, D., Robles, Z., Lu, Q., Ditre, J., Vowles, K., Schmidt, N. B., & Zvolensky, M. J. (2016). Pain severity and emotion dysregulation among Latinos in a Community Health Care Setting: Relations to mental health. *General Hospital Psychiatry*, 42, 41-48.
- Pielech, M., Bailey, R. W., McEntee, M. L., Ashworth, J., Levell, J., Sowden, G., & Vowles, K. E. (2016). Preliminary evaluation of the Values Tracker: A two-item measure of engagement in valued activities in chronic pain. *Behavior Modification*, 40, 239-256.
- McEntee, M. L., Vowles, K. E., & McCracken, L. M. (2016). Development of a chronic pain specific version of the Sickness Impact Profile. *Health Psychology*, 35, 228-237.

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- Bailey, R. W., & Vowles, K. E. (2015). Chronic non-cancer pain and opioids: Risks, benefits, and the public health debate. *Professional Psychology: Research and Practice, 46*, 340-347.
- Cook, A. J., Meyer, E. C., Evans, L., Vowles, K. E., Klocek, J. W., Kimbrel, N. A., Gulliver, S. B., & Morissette, S. B. (2015). Chronic pain acceptance incrementally predicts disability in polytrauma exposed veterans. *Behaviour Research and Therapy, 73*, 25-32.
- Jensen, M. P., Vowles, K. E., Johnson, L. E., & Gertz, K.J. (2015). Living well with pain: Development and preliminary evaluation of the Valued Living Scale. *Pain Medicine, 16*, 2109-2120.
- Rovner, G., Vowles, K. E., Gerdle, B., & Gillanders, D. (2015). Latent class analysis of the short and long-form of the Chronic Pain Acceptance Questionnaire: Further examination of patient subgroups. *Journal of Pain, 16*, 1095-1105.
- Vowles, K. E. (2015). Editorial overview: The third wave behavioral therapies. *Current Opinion in Psychology, 2*, v-viii.
- Vowles, K. E., McEntee, M. L., Siyahhan Julnes, P., Frohe, T., Ney, J. P., & van der Goes, D. N. (2015). Rates of opioid misuse, abuse, and addiction in chronic pain: A systematic review and data synthesis. *Pain, 156*, 569-576.
- Wicksell, R. K., & Vowles, K. E. (2015). The role and function of Acceptance and Commitment Therapy and behavioral flexibility in pain management. *Pain Management, 5*, 319-322.
- Witkiewitz, K., McCallion, E., Vowles, K. E., Kirouac, M., Frohe, T., Maisto, S. A., Hodgson, R., & Heather, N. (2015). Association between physical pain and alcohol treatment outcomes: The mediating role of negative affect. *Journal of Consulting and Clinical Psychology, 83*, 1044-1057.
- Witkiewitz, K., Vowles, K. E., McCallion, E., Frohe, T., Kirouac, M., & Maisto, S. A. (2015). Pain as a predictor of alcohol treatment outcomes in the COMBINE study and the United Kingdom Alcohol Treatment Trial. *Addiction, 110*, 1262-1271.
- Cohen, L. L., Feinstein, A., Masuda, A., & Vowles, K. E. (2014). Single-case research design in pediatric psychology: Considerations regarding data analysis. *Journal of Pediatric Psychology, 28*, 124-137.
- McCracken, L. M., & Vowles, K. E. (2014). Acceptance and Commitment Therapy and mindfulness for chronic pain: Model, process, and progress. *American Psychologist, 69*, 178-187.
- Vigil, J. M., Pendleton, P., Coulombe, P., Vowles, K. E., Alcock, J., & Smith, B. W. (2014). Social environmental correlates of pain interference in home health care recipients. *Pain Research and Management, 19*, e109-e114.

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- Vowles, K. E., Fink, B. C., & Cohen, L. L. (2014). Acceptance and Commitment Therapy for chronic pain: A diary study of treatment process in relation to reliable change in disability. *Journal of Contextual Behavioral Science*, 3, 74-80.
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- Vowles, K. E., McEntee, M. L., & Bailey, R. W. (2014). Generalization of treatment gains following pain rehabilitation: Definition, principles, and an update since Fordyce (1976). In C. J. Main, F. J. Keefe, M. P. Jensen, J. W. S. Vlaeyen, & K. E. Vowles (Eds.). *Fordyce's Behavioral Methods for Chronic Pain and Illness* (pp. 428-433). New York: Walters-Kluwer.
- Vowles, K. E., Rosser, B., Januszewicz, P., Morlion, B., Evers, S., & Eccleston, C. (2014). Everyday pain, analgesic beliefs, and analgesic behaviours in Europe and Russia: An epidemiological survey and analysis. *European Journal of Hospital Pharmacy*, 21, 39-44.
- Vowles, K. E., Sowden, G., & Ashworth, J. (2014). A comprehensive examination of the model underlying Acceptance and Commitment Therapy for chronic pain. *Behavior Therapy*, 45, 390-401.
- Vowles, K. E., Witkiewitz, K., Sowden, G., & Ashworth, J. (2014). Acceptance and Commitment Therapy for chronic pain: Evidence of mediation and clinically significant change following an abbreviated interdisciplinary program of rehabilitation. *Journal of Pain*, 15, 101-113.
- McNeil, D. W., Vargovich, A., M., Sorrell, J. T., & Vowles, K. E. (2013). Environmental, emotional, and cognitive determinants of dental pain. In D. I. Mostofsky, A. Forgione, & D. Giddon, (Eds.) *Behavioral Dentistry* (2nd ed) (pp. 89-108). Ames, Iowa: Blackwell Publishing.
- Vowles, K. E., & Thompson, M. (2012). The patient-provider relationship in chronic pain. *Current Pain and Headache Reports*, 5, 122-126.
- Huang, Y., Zheng, H., Nugent, C., McCullagh, P., Black, N., Vowles, K., & McCracken, L. M. (2011). Feature selection and classification in supporting report-based self-management for people with chronic pain. *IEEE Transactions on Information Technology in Biomedicine*, 15, 54-61.
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- Vowles, K. E., & Thompson, M. (2011). Acceptance and Commitment Therapy for chronic pain. In L. M. McCracken (Ed.) *Mindfulness and Acceptance in Behavioral Medicine: Current Theory and Practice* (pp. 31-60). Oakland: New Harbinger Press.

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- Vowles, K. E., McCracken, L. M., & Zhao-O'Brien, J. (2011). Acceptance and values-based action in chronic pain: A three year follow-up analysis of treatment effectiveness and process. *Behaviour Research and Therapy, 49*, 748-755.
- Cohen, L. L., Vowles, K. E., & Eccleston, C. (2010). Adolescent chronic pain-related functioning: Concordance and discordance of mother-proxy and self-report ratings. *European Journal of Pain, 14*, 882-886.
- Cohen, L. L., Vowles, K. E., & Eccleston, C. (2010). A taxonomy of adolescents with chronic pain: Predicting parents' distress. *Journal of Pediatric Psychology, 35*, 748-757.
- Cohen, L. L., Vowles, K. E., & Eccleston, C. (2010). The impact of adolescent chronic pain on functioning: Disentangling the complex role of anxiety. *Journal of Pain, 11*, 1039-1046.
- McCracken, L. M., Vowles, K. E., Gregg, J., & Almada, P. (2010). Acceptance and mindfulness in medical populations. In R. A. Baer (Ed.), *Assessing Mindfulness and Acceptance: Illuminating the Processes of Change* (pp. 251-280). Oakland, CA: New Harbinger Publications.
- McCracken, L. M., Vowles, K. E., & Zhao-O'Brien, J. (2010). Further development of an instrument to assess psychological flexibility in people with chronic pain. *Journal of Behavioral Medicine, 33*, 346-354.
- Vowles, K. E., Cohen, L. L., McCracken, L. M., & Eccleston, C. (2010). Disentangling the complex relations among caregiver and adolescent responses to adolescent chronic pain: A cross-sectional, multivariate analysis using structural equation modelling. *Pain, 151*, 680-686.
- Vowles, K. E., Jordan, A., & Eccleston, C. (2010). Toward a taxonomy of adolescents with chronic pain: Cluster and discriminant analyses of the Bath Adolescent Pain Questionnaire. *European Journal of Pain, 14*, 214-221.
- Vowles, K. E., & McCracken, L. M. (2010). Comparing the influence of psychological flexibility and traditional pain management coping strategies on chronic pain treatment outcomes. *Behaviour Research & Therapy, 48*, 141-146.
- Hadlandsmyth, K. & Vowles, K. E. (2009). An investigation of the combined influences of fatigue severity and depression on functioning in individuals with Chronic Fatigue Syndrome. *Journal of Psychosomatic Research, 66*, 31-35.
- Huang, Y., Zheng, H., Nugent, C., McCullagh, P., Black, N. Vowles, K., & McCracken, L. (2009). Classification of health level from chronic pain self reporting. *Multi Conference on Computer Science and Information Systems Proceedings e-Health*, 43-50.
- McCracken, L. M., & Vowles, K. E. (2009). The experience of pain and suffering from acute and chronic pain. In R. J. Moore (Ed.), *Biobehavioral Approaches to Acute and Chronic Pain*

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- Rosser, B. A., Vowles, K. E., Keogh, E., Eccleston, C., & Mountain, G. A. (2009). Technologically assisted behaviour change: A systematic review of studies of novel technologies for the management of chronic illness. *Journal of Telemedicine and Telecare*, *15*, 327-338.
- Vowles, K. E., Wetherell, J. L., & Sorrell, J. T. (2009). Targeting acceptance, mindfulness, and values-based action in chronic pain: Findings of two preliminary trials of an outpatient group-based intervention. *Cognitive and Behavioral Practice*, *16*, 49-58.
- Vowles, K. E. & Robinson, M. E. (2009). Progressing towards acceptable treatment outcomes [Editorial]. *Pain*, *144*, 228-229.
- Campbell, W. I., & Vowles, K. E. (2008). Practical methods for pain intensity measurements. In A. Rice (Series ed.), H. Breivik, W. I. Campbell, & M. K. Nicholas (Vol. Eds.), *Clinical Pain Management (2nd ed.): Practice and Procedures* (pp. 12-27). New York: Hodder Arnold.
- McCracken, L. M., & Vowles, K. E. (2008). A prospective analysis of acceptance and values in patients with chronic pain. *Health Psychology*, *27*, 215-220.
- Vowles, K. E., & McCracken, L. M. (2008). Acceptance and values-based action in chronic pain: A study of effectiveness and treatment process. *Journal of Consulting and Clinical Psychology*, *76*, 397-407.
- Vowles, K. E., McCracken, L. M., & Eccleston, C. (2008). Patient functioning and catastrophizing in chronic pain: The mediating effects of acceptance. *Health Psychology*, *27*, S136-S143.
- Vowles, K. E., McCracken, L. M., McLeod, C., & Eccleston, C. (2008). The Chronic Pain Acceptance Questionnaire: Confirmatory factor analysis and identification of patient subgroups. *Pain*, *140*, 284-291.
- McCracken, L. M., Gauntlett-Gilbert, J., & Vowles, K. E. (2007). The role of mindfulness in a contextual cognitive-behavioral analysis of chronic pain-related suffering and disability. *Pain*, *131*, 63-69.
- McCracken, L. M., & Vowles, K. E. (2007). Psychological flexibility and traditional pain management strategies in relation to patient functioning with chronic pain: An examination of a revised instrument. *Journal of Pain*, *8*, 700-707.
- McCracken, L. M., Vowles, K. E., & Gauntlett-Gilbert, J. (2007). A prospective investigation of acceptance and control-oriented coping with chronic pain. *Journal of Behavioral Medicine*, *30*, 339-349.
- Vowles, K. E., Gross, R. T., & McCracken, L. M. (2007). Evaluating outcomes in the



- interdisciplinary treatment of chronic pain: A guide for practicing clinicians. In M. Schatman & A. Campbell, (Eds.) *Chronic Pain Management: Guidelines for Multidisciplinary Program Development* (pp. 203-220). New York, Informa.
- Vowles, K. E., McCracken, L. M., & Eccleston, C. (2007). Processes of behavior change in interdisciplinary treatment of chronic pain: Contributions of pain intensity, catastrophizing, and acceptance. *European Journal of Pain, 11*, 779-787.
- Vowles, K. E., McNeil, D. W., Gross, R. T., McDaniel, M., Mouse, A., Bates, M., Gallimore, P. & McCall, C. (2007). Effects of pain acceptance and pain control strategies on physical impairment in individuals with chronic low back pain. *Behavior Therapy, 38*, 412-425.
- Cook, A. J., Brawer, P. A., & Vowles, K. E. (2006). The fear-avoidance model of chronic pain: Validation and age analysis using structural equation modeling. *Pain, 121*, 195-206.
- Feldner, M. T., Hekmat, H., Zvolensky, M. J., Vowles, K. E., Secrist, Z, & Leen-Feldner, E. W. (2006). The role of experiential avoidance in acute pain tolerance: A laboratory test. *Journal of Behavior Therapy and Experimental Psychiatry, 37*, 146-158.
- McCracken, L. M., & Vowles, K. E. (2006). Acceptance of chronic pain. *Current Pain and Headache Reports, 10*, 90-94.
- [Article reprinted in 2007 in *Current Primary Care Reports, 2*, 18-22].
- McNeil, D. W., Sorrell, J. T., & Vowles, K. E. (2006). Emotional and environmental determinants of dental pain. In D. I. Mostofsky, A. Forgione, & D. Giddon, (Eds.) *Behavioral Dentistry* (pp. 79-99). Ames, Iowa: Blackwell Publishing.
- Vowles, K. E., McNeil, D. W., Sorrell, J. T., & Lawrence, S. M. (2006). Fear and pain: Investigating the interaction between aversive states. *Journal of Abnormal Psychology, 115*, 821-833.
- McCracken, L. M., Vowles, K. E., & Eccleston, C. (2005). Acceptance-based treatment for persons with complex, long standing chronic pain: A preliminary analysis of treatment outcome in comparison to a waiting phase. *Behaviour Research and Therapy, 43*, 1335-1346.
- Vowles, K. E., McNeil, D. W., Sorrell, J. T., McKee, D. R., Zvolensky, M. J., Graves, R. W., Weaver, B. R., & Riel, J. (2005). Oral surgery appointment attendance: Effects from fears of dentistry and pain. In P. L. Gower (Ed.), *Psychology of fear* (pp. 91-105). Hauppauge, NY, Nova Science Publishing.
- McCracken, L. M., Vowles, K. E., & Eccleston, C. (2004). Acceptance of chronic pain: Component analysis and a revised assessment method. *Pain, 107*, 159-166.
- Vowles, K. E., Gross, R. T., & Sorrell, J. T. (2004). Predicting work status following interdisciplinary treatment for chronic pain. *European Journal of Pain, 8*, 351-358.

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- Vowles, K. E., Zvolensky, M. J., Gross, R. T., & Sperry, J. A. (2004). Pain-related anxiety in the prediction of chronic low back pain distress. *Journal of Behavioral Medicine, 27*, 77-89.
- McNeil, D. W., & Vowles, K. E. (2004). Assessment of fear and anxiety associated with pain: Conceptualization, methods, and measures. In G. J. G. Asmundson, J. W. S. Vlaeyen, & G. Crombez (Eds.), *Understanding and treating fear of pain* (pp. 189-211). Oxford, United Kingdom: Oxford University Press.
- McNeil, D. W., Vowles, K.E., & Sorrell, J.T. (2003). Comparisons of social phobia, social phobia subtypes, and avoidant personality disorder: Implications for assessment and treatment. *Directions in Clinical and Counseling Psychology, 15*, 1-11.
- Vowles, K. E., & Gross, R. T. (2003). Work-related beliefs about injury and physical capability for work in individuals with chronic pain. *Pain, 101*, 291-298.
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- McNeil, D. W., Sorrell, J. T., Vowles, K. E., & Billmeyer, T. (2002). Social phobia. In M. Hersen (Ed.), *Clinical behavior therapy: Adults and children* (pp. 90-105). New York: John Wiley & Sons.

#### Books

- Main, C. J., Keefe, F. J., Jensen, M. P., Vlaeyen, J. W. S., & Vowles, K. E. (Eds.). (2014). *Fordyce's Behavioral Methods for Chronic Pain and Illness*. New York: Walters-Kluwer.

#### Published Abstracts

- Bailey, R.W., Vowles, K.E., Ashworth, J., Sowden, G. (2015). An investigation of committed action in chronic pain and its relation to patient functioning [Abstract]. *Annals of Behavioral Medicine, 49*, S115.
- Vowles, K. E., Witkiewitz, K., Levell, J., Sowden, G., & Ashworth, J. (2015). Is distress reduction necessary in chronic pain? A session-by-session analysis of distress change trajectories in relation to treatment outcomes following interdisciplinary Acceptance and Commitment Therapy. *Psychotherapy and Psychosomatics, 84* (suppl 1), 76.
- McEntee, M. L., Vowles, K. E., & McCracken, L. M. (2014). Factor structure and a new short form of the Sickness Impact Profile in chronic pain [Abstract]. *Journal of Pain, 15*, S17.
- Rivers W. E., Vowles K. E., Mead, B., Gosselin, K. (2014). Development of computerized clinical outcomes database [Abstract]. *Journal of Pain, 15*, S5.

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- Steffen, L. E., McLouth, C. J., McCracken, L. M., & Vowles, K. E. (2014). Acceptance and pain-related fear in chronic pain: Opposite sides of the same coin [Abstract]? *Journal of Pain, 15*, S106.
- Vowles, K. E., Fink, B. C., & Cohen, L. L. (2014). Acceptance and Commitment Therapy for chronic pain: A diary study of treatment process in relation to reliable change in disability[Abstract]. *Journal of Pain, 15*, S111.
- Frohe, T., L., McEntee, M., Van der Goes, D., & Vowles, K. E. (2013). Systematic review of opioid dependence in chronic pain [Abstract]. *Journal of Pain, 14*, S10.
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- Vowles, K. E., Sowden, G., & Ashworth, J. (2013). A comprehensive examination of the theoretical framework underlying Acceptance and Commitment Therapy for chronic pain [Abstract]. *Journal of Pain, 14*, S22.
- Sowden, G., Vowles, K. E., Beachill, D., Stanyer, J., & Packham, J. (2011). Preliminary outcomes from an abbreviated interdisciplinary programme of Acceptance and Commitment Therapy for patients with chronic pain [Abstract]. *European Journal of Pain, 5*, 186.
- Vowles, K. E., Main, C. J., Hill, J. Meulders, A., & Sowden, G. (2011). The science of early intervention for disabling pain [Abstract]. *European Journal of Pain, 5*, 10.
- Vowles, K. E., Ashworth, J., Beachill, D., Graham, C., Packham, J., Sowden, G., & Stanyer, N. (2011). Preliminary outcomes of an abbreviated interdisciplinary programme of Acceptance and Commitment Therapy for chronic pain [Abstract]. *Journal of Pain, 12*, P74.
- Vowles, K. E., Stanyer, N., Sowden, G., Packham, J., Beachill, D., & Ashworth, J. (2011). Operationalizing effective functioning within a context of continuing pain in a community-based setting [Abstract]. *Journal of Pain, 12*, P74.
- Vowles, K.E., Ashworth, J., Beachill, D. Graham, C., Packham, J., Sowden, G., & Stanyer, N. (2010). An examination of acceptance and values at the interface of primary and secondary care in adults with chronic pain [Abstract]. *Anaesthesia, 65*, 1050-1051.
- Vowles, K. E., Cohen, L. L., McCracken, L. M., & Eccleston, C. (2010). Disentangling the complex relations among caregiver and adolescent responses to adolescent chronic pain: A cross-sectional, multivariate analysis using structural equation modeling [Abstract]. *Journal of Pain, 11*, S60.
- Vowles, K. E., McCracken, L. M., & Zhao-O'Brien, J. (2010). Acceptance and values-based action in chronic pain: An analysis of treatment outcomes and processes three

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- years after treatment completion [Abstract]. *Journal of Pain*, 11, S55.
- Cohen, L., Vowles, K., & Eccleston, C. (2009). The impact of adolescent chronic pain on functioning: Disentangling the complex role of anxiety [Abstract]. *European Journal of Pain*, 13, S239.
- Keogh, E., Vowles, K., & Bendelin, N. (2009). Cybertherapy and the management of pain [Abstract]. *European Journal of Pain*, 13, S20.
- Rosser, B., Vowles, K., Keogh, E., Eccleston, C., & Mountain, G. (2009). A systematic review of technology-assisted behaviour change for the management of chronic health conditions including pain [Abstract]. *European Journal of Pain*, 13, S266.
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#### *Book Reviews*

- Vowles, K. E. (2009). Comprehensive, useful, and data-driven: A review of Main, Sullivan, & Watson's (2008) "Pain management: Practical applications of the biopsychosocial perspective in clinical and occupational settings (2<sup>nd</sup> ed.)". *Pain News* (Newsletter of the British Pain Society).
- McCracken, L. M., & Vowles, K. E. (2003). Taal, controle, en aanvaarding in de gedragstherapie S. C. Hayes, K. D. Strosahl, & K. G. Wilson {Language, control, and acceptance in behavior therapy: Review of Acceptance and Commitment Therapy: An Experiential Approach to Behavior Change by S. C. Hayes, K. D. Strosahl, & K. G. Wilson} (1999). *Gedragstherapie (Dutch Journal of Behavior Therapy)*, 36, 42-43.

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*Other Publications – Letters to the Editor*

- Vowles, K. E., McEntee, M. L., Siyahhan Julnes, P., Frohe, T., Ney, J. P., & van der Goes, D. N. (2015). Reply to Voon. *Pain*, 156, 2107-2108.
- Vowles, K. E., McEntee, M. L., Siyahhan Julnes, P., Frohe, T., Ney, J. P., & van der Goes, D. N. (2015). On the importance of clear comparisons and a methodologically rigorous empirical literature in evaluating opioid use in chronic pain: A response to Sholten and Henningfield. *Pain*, 156: 1577-1578.
- McCracken, L. M., Vowles, K. E., & Thompson, M. (2007). Comment on Nicholas and Asghari: Pain 2006; 124: 269-279. *Pain*, 128, 283-284.
- Cook, A. J., Vowles, K. E., & Brawer, P. A. (2006). Model validation and structural equation modeling: A reply to Ward and Thorn. *Pain*, 126, 319-320.

*Manuscripts – Under Review*

- Frohe, T., Berey, B., Witkiewitz, K., McCallion, E., & Vowles, K. E. (under review). Alcohol and chronic pain: Shared neural circuits and clinical features.
- Jhamb, M., Roumelioti, M., Steel, J., Yabes, J., Vowles, K. E., Vodovotz, Y., Beach, S., Rollman, B., Weisbord, S., & Unruh, M. (under review). Rationale and design of Technology Assisted stepped Collaborative Care Intervention to Improve Patient-centered Outcomes in Hemodialysis Patients (TACcare trial)
- Rogers, A. H., Bakhshaie, J., Zvolensky, M. J., & Vowles, K. E. (under review). Pain anxiety as a mechanism linking pain severity and opioid misuse and disability among individuals with chronic pain.
- Steffen, L., Cheavens, J. S., Vowles, K. E., Gabbard, J., Nguyen, Huynh, Gan, G. N., Edelman, M. J., Smith, B. W. Hope-related goal cognitions and daily experiences of fatigue, pain, and functional concern among lung cancer patients.
- Vargovich, A. M., Chorney, J., Gross, R. T., & Vowles, K. E. (under review). Functional restoration for upper extremity pain following stimulator removal.
- Vowles, K. E., Sowden, G., Hickman, J., & Ashworth, J. (under review). An analysis of within-treatment change trajectories in valued activity in relation to treatment outcomes following interdisciplinary Acceptance and Commitment Therapy for adults with chronic pain.

*Scientific Presentations: Symposia and Invited Presentations*

- Vowles, K. E. (2018, May). *Opioids and alcohol use/co-use in chronic pain: Frequency, impact and pilot treatment outcomes*. Invited presentation given at the Cleveland Pain Conference,

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sponsored by Case Western Reserve University and the Cleveland Veteran's Administration. Cleveland, OH.

Edwards, K. A., Pielech, M. P., Kruger, E. S., Ford, C. G., & Vowles, K. E. (2018, April). *The role of self-compassion in functioning among those with chronic pain*. Paper selected for presentation at the annual meeting of the Society of Behavioral Medicine. New Orleans, LA.

Steffen, L. E., Cheavens, J. S., Vowles, K. E., & Smith, B. W., (2018, April). *Goal cognitions, fatigue, pain, and functional wellbeing in lung cancer patients*. Paper presented at the annual meeting of the Society of Behavioral Medicine, New Orleans, LA, USA.

Vowles, K. E., Witkiewitz, K., Pielech, M., Edwards, K. A., McEntee, M. L. Bailey, R. W., & Bolling, L. (2018, April). *Alcohol and opioid use in chronic pain: Two cross-sectional examinations hazardous use and co-use*. In K. E. Vowles (chair), Frequency and impact of alcohol, opioid, and marijuana co-use in chronic pain. Symposium conducted at the 2018 conference of the Society of Behavioral Medicine. New Orleans, LA, USA.

Vowles, K. E. (2018, April). *Frequency and impact of alcohol and marijuana co-use within opioid-prescribed individuals with chronic pain*. Symposium conducted at the 2018 conference of the Society of Behavioral Medicine, New Orleans, LA, USA.

Pielech, M., Rivers, W.E., Kruger, E., & Vowles, K.E. (2018, April). *Opioid prescriptions to youth: Frequency, morbidity, and mortality across a large university hospital system 2005-2016*. Presentation given at the Pediatric Pain special interest group meeting at the Society of Pediatric Psychology Annual Conference, Orlando, FL, USA.

Vowles, K. E., Witkiewitz, K., Pielech, M., Edwards, K. A., McEntee, M. L. Bailey, R. W., & Bolling, L. (2018, March). *Hazardous alcohol and opioid use in chronic pain: An assessment of frequency and impact*. Invited presentation provided at the 2018 scientific summit of the American Pain Society, Anaheim, CA, USA.

Vowles, K. E. (2017, November). *Psychological approaches to chronic pain and suffering: The example of Acceptance and Commitment Therapy*. Invited grand rounds presentation provided to the Department of Psychiatry, University of Texas Health Sciences Center – San Antonio. San Antonio, TX, USA.

Vowles, K. E. (2017, October). *Functional restoration for chronic pain*. Invited presentation provided at the Worker's Compensation Association of New Mexico meeting. Albuquerque, NM, USA.

Schmidt, Z. S., Cardon, K. E., & Vowles, K. E. (2017, August). *Plenary session: Chronic pain management*. Invited panel discussion at the 2017 New Mexico Veterans Administration Healthcare System Mental Health and Clay Hunt Summit. Albuquerque, NM, USA.

Vowles, K. E. (2017, May). *Acceptance and Commitment Therapy for chronic pain: Overview and evidence*. Invited colloquium presented at the School of Psychology Seminar Series, National University of Ireland – Galway. Galway, Ireland.



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- Vowles, K. E. (2017, May). *Psychological approaches to chronic pain: The example of Acceptance and Commitment Therapy*. Invited plenary presented at the 4<sup>th</sup> International Congress of Pain Physiotherapy. Valladolid, Spain.
- Vowles, K. E., McEntee, M. L., Julnes, P. S., Frohe, T., Ney, T. & van der Goes, D. (2017, April). Rates of opioid misuse, abuse, and addiction in chronic pain. Invited webinar hosted by the Provider's Clinical Support System for Opioid Therapies and the Southeastern Consortium for Substance Abuse Training. Recording available at: <http://pcss-o.org/event/rates-of-opioid-misuse-abuse-and-addiction-in-chronic-pain/>.
- Steffen, L., Smith, B., & Vowles, K. E. (2017, April). *Multilevel modeling of the impact of hope on daily quality of life in lung cancer patients*. In K. E. Vowles (chair), What does "living well" with illness look like?: Examinations in chronic and life-threatening conditions. Symposium presented at the 2017 conference of the Society of Behavioral Medicine, San Diego, CA, USA.
- Vowles, K. E. & Bolling, L. (2017, April). *Providing a referent for analyses of clinically significant change: What does "living well" with chronic pain look like?* In K. E. Vowles (chair), What does "living well" with illness look like?: Examinations in chronic and life-threatening conditions. Symposium conducted at the 2017 conference of the Society of Behavioral Medicine, San Diego, CA, USA.
- Vowles, K. E. (2017, April). *What does "living well" with illness look like?: Examinations in chronic and life-threatening conditions*. Symposium chaired at the 2017 conference of the Society of Behavioral Medicine, San Diego, CA, USA.
- Vowles, K. E. (2017, April). *Interdisciplinary Acceptance and Commitment Therapy for Adults with Chronic Pain: Within-Treatment Change Trajectories in Pain Acceptance and Values Predict Improved Functioning at Follow-up*. In K. E. Vowles (chair), How does treatment work? Evidence from Acceptance and Commitment Therapy for chronic pain, weight loss, and binge eating. Symposium conducted at the 2017 conference of the Society of Behavioral Medicine, San Diego, CA, USA.
- Vowles, K. E. (2017, April). *How does treatment work? Evidence from Acceptance and Commitment Therapy for chronic pain, weight loss, and binge eating*. Symposium chaired at the 2017 conference of the Society of Behavioral Medicine, San Diego, CA, USA.
- Vowles, K. E. (2017, March). *The pains of chronic pain and opioid use*. Symposium presented at the 2017 Collaborative Perspectives on Addiction meeting, Albuquerque, NM, USA.
- Vowles, K. E., Witkiewitz, K., Cusack, K., Bowen, S., & Cardon, K. (2016, July). *A pilot study of integrated treatment for Veterans with chronic pain and opioid misuse*. In progress review meeting of the joint NIH-VA initiative on "Non-pharmacological approaches to managing pain and co-morbid conditions in US military personnel, veterans, and their families. NIH campus, Bethesda, Maryland, USA.

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- Vowles, K. E. (2016, May). *Opioid use in chronic pain: What's the big deal?* Invited presentation given at Oregon Pain Guidance group's annual Moving through Chronic Pain: A Community Forum meeting, Medford, Oregon, USA
- Vowles, K. E. (2016, May). *Psychological treatments for chronic pain: The example of Acceptance and Commitment Therapy.* Invited presentation given at Oregon Pain Guidance group's 5<sup>th</sup> Annual A thoughtful approach to pain management. Medford, Oregon, USA
- Vowles, K. E. (2016, April). *Comprehensive rehabilitation for chronic pain: An overview.* Invited presentation provided at the Worker's Compensation Association of New Mexico meeting. Albuquerque, NM, USA.
- Vowles, K. E., Witkiewitz, K., Sowden, G., Levell, J., & Ashworth, J. (2016, April). *Do we need to reduce pain and distress in pain rehabilitation?* Invited presentation given at the PainAdelaide 2016 conference, Adelaide, Australia.
- Rovner, G., Vowles, K. E., Wifstrand, L., Gerdle, B., Johansson, F., & Gillanders, D. (2016, March). Patient subgroups according to pain acceptance and a clinical algorithm to predict differential response to interprofessional rehabilitation. Presentation conducted at the 6<sup>th</sup> International Conference on Physiotherapy in Psychiatry and Mental Health, Madrid, Spain.
- Vowles, K. E. (2016, March). Mindfulness in Acceptance and Commitment Therapy for chronic pain. In M. Hogg & N. Moore (chairs), *Mindfulness, yoga, and beyond: How to integrate mindfulness into a multidimensional pain management approach.* Symposium conducted at the 36<sup>th</sup> annual conference of the Australian Pain Society, Perth, Australia.
- Vowles, K. E. (2016, March). Acceptance and Commitment Therapy for chronic pain: What can non-psychologists do? In R. Schutze (chair), *Non-psychologist delivered psychosocial intervention for musculoskeletal pain.* Symposium conducted at the 36<sup>th</sup> annual conference of the Australian Pain Society, Perth, Australia.
- Witkiewitz, K., Vowles, K.E., McCallion, E., Frohe, T., Kirouac, M. & Maisto, S.A. (2016, March). Association between pain and alcohol treatment outcomes: The role of negative affect. In K. Witkiewitz (Chair), *Effects of Problematic Substance Use in Chronic Pain.* Symposium at the 2016 Collaborative Perspectives on Addiction Meeting, San Diego, CA.
- Vowles, K. E. (2016, February). *Willingness and commitment in chronic pain.* Invited presentation provided at the 2<sup>nd</sup> annual San Diego Pain Summit, San Diego, CA, USA.
- Vowles, K. E. (2016, February). *Working with acceptance, mindfulness, and values in chronic pain: An introduction and skills building seminar.* Workshop organized by the San Diego Pain Summit, San, Diego, CA, USA.

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- Vowles, K. E., Witkiewitz, K., Levell, J., Sowden, G., & Ashworth, J. (2015, August). Analyzing change trajectories within Acceptance and Commitment Therapy for chronic pain. In J. Overholster (chair), *Pain management and rehabilitation strategies: Learning from physical pain to help manage emotional pain*. Symposium conducted at 23<sup>rd</sup> World Congress on Psychosomatic Medicine, Glasgow, Scotland.
- Vowles, K. E. (2015, June). *Behavioral approaches to the treatment of chronic pain*. Invited presentation delivered at the 4<sup>th</sup> annual "A thoughtful approach to pain management: New horizons – what clearly works" conference. Conference organized by Continuing Medical Education of Southern Oregon, Medford, OR, USA.
- Vowles, K. E., (2015, June). *Living a valued life with chronic pain*. Invited presentation delivered at the 2<sup>nd</sup> annual Moving Through Chronic Pain: A community response. Community forum sponsored by Jackson County Health and Human Services and the Oregon Pain Guidance commission, Medford, OR, USA
- Vowles, K. E. (2015, May). *Acceptance and Commitment Therapy for chronic pain*. Presentation delivered at the Project Echo teleclinic (Chronic Pain and Headache TeleEcho clinic), University of New Mexico, Albuquerque, NM, USA.
- Vowles, K. E. (2015, April). *Examining problematic substance use in chronic pain: Smoking, alcohol, and prescribed opioids*. Symposium chaired at the annual conference of the Society of Behavioral Medicine, San Antonio, TX, USA.
- Vowles, K. E., McEntee, M. L., Julnes, P. S., Frohe, T., Ney, T. & van der Goes, D. (2015, April). Rates of opioid misuse, abuse, and addiction in chronic pain: A systematic review and data synthesis. In K. E. Vowles (chair), *Examining problematic substance use in chronic pain: Smoking, alcohol, and prescribed opioids*. Symposium conducted at the annual conference of the Society of Behavioral Medicine, San Antonio, TX, USA.
- McEntee, M. L., Vowles, K. E., & McCracken, L. M. (2015, April). Balancing breadth and burden in the assessment of functioning in chronic pain: An Item Response Theory approach. In H. Leventhal (chair), *Improving healthcare through advancing health assessments and research methodology*. Symposium conducted at the annual conference of the Society of Behavioral Medicine, San Antonio, TX, USA.
- Steffen, L. E., & Vowles, K. E. (2015, April). A daily diary framework to study life as it is lived with lung cancer. In H. Leventhal (chair), *Improving healthcare through advancing health assessments and research methodology*. Symposium conducted at the annual conference of the Society of Behavioral Medicine, San Antonio, TX, USA.
- Vowles, K. E. (2015, March). *Treatment process in Acceptance and Commitment Therapy for Chronic Pain*. Invited presentation given at the annual Pain Adelaide conference, Adelaide, Australia.
- Vowles, K. E. (2015, March). Willingness to have pain in the service of valued living. Invited presentation in S. Knight (chair), *Acceptance and Commitment Therapy (ACT) in the*

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- context of child and adolescent chronic illness*. Symposium conducted at the Royal Children's Hospital, Melbourne, Australia.
- Vowles, K. E., Witkiewitz, K., Levell, J., Sowden, G., & Ashworth, J. (2014, October). Treatment process in Acceptance and Commitment Therapy for chronic pain -or- it is not how you feel, it is how you *respond* to how you feel. In M. P. Jensen (chair), *Beyond the ordinary: Innovative psychological and educational approaches to chronic pain treatment*. Symposium conducted at the 15<sup>th</sup> World Congress on Pain, Buenos Aires, Argentina.
- Vowles, K. E. (2014, September). Working with acceptance, mindfulness, and values in chronic pain: Advanced clinical skills for the complex chronic pain patient. Workshop hosted by the Portland Psychotherapy Clinical, Research, and Training Center, Portland, OR, USA.
- Vowles, K. E., Fink, B. C., & Cohen, L. L. (2014, June). Acceptance and Commitment Therapy for chronic pain: A diary study of treatment process in relation to reliable change in disability. In M. Oser (chair), *Designing and delivering ACT interventions for individuals with medical conditions: Transdiagnostic principles and key processes of change*. Symposium conducted at the annual meeting of the Association for Contextual Behavioral Science, Minneapolis, MN, USA.
- Vowles, K. E. (2014, June). Emerging psychological perspectives on disability and rehabilitation in chronic pain. Presentation delivered at the Project Echo teleclinic (Indian Health Service), University of New Mexico, Albuquerque, NM, USA.
- Vowles, K. E. (2014, June). *ACBS junior investigator poster award recipients – oral presentations*. Symposium chaired at the the annual meeting of the Association for Contextual Behavioral Science, Minneapolis, MN, USA.
- Vowles, K. E. (2014, June). *Characteristics of effective treatment*. In J. Adams & M. R. Helene (chairs), *Targets and mechanisms of treatment in chronic pain*. Symposium conducted at the annual meeting of the European Congress of Rheumatology. Paris, France.
- Vowles, K. E. (2014, January). *A primer on the complexities of chronic pain and how they can be approached clinically*. Invited presentation provided at the Worker's Compensation Association of New Mexico meeting. Albuquerque, NM, USA.
- Vowles, K. E. (chair), McCracken, L. M. Burns, J. W., & Mansell, G. (2013, May). *Mechanisms of change in psychosocial interventions for chronic pain*. Symposium conducted at the annual meeting of the American Pain Society. Tampa, FL, USA.
- Vowles, K. E., & McCracken, L. M. (2013, May). *Words matter*. Invited presentation conducted at the annual meeting of the American Pain Society's Psychosocial Research Special Interest Group. Tampa, FL, USA.
- Vowles, K. E. (2013, May). *Principles in the treatment of chronic pain across the age range*. Invited presentation conducted at the annual meeting of the American Pain Society. New

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Orleans, LA, USA.

- Mansell, G., Hill, J., Vowles, K. E. & van der Windt, D. (2012, October). *Investigating psychological mediators of outcome in the STarT Back trial*. Conference abstract presented at the International Forum on Back Pain Research, Odense, Denmark.
- Vowles, K. E. (2012, June). ACT and chronic pain: Viewpoints on where we go from here. Invited plenary at Karolinska University Hospital, Stockholm, Sweden.
- Vowles, K. E. (2012, March). *Behavioral principles in treatment: The example of chronic pain*. One day workshop delivered on the Clinical Psychology Training programme, Staffordshire University, Stoke-on-Trent, United Kingdom.
- Vowles, K. E. (2011, September). Integrating emerging psychological approaches into practice: An introduction and skills-based primer. In S. Morley (chair), *Psychological Assessment and Treatment of Pain*. Refresher course (pre-conference workshop) conducted at the 7<sup>th</sup> Congress of the European Chapters of the International Association for Pain Chapters, Hamburg, Germany.
- Vowles, K. E. (2011, September). On the identification of individuals requiring specialist treatments for disabling & distressing chronic pain. In C. J. Main (chair), *The science of early intervention for disabling pain*. Symposium conducted at the 7<sup>th</sup> Congress of the European Chapters of the International Association for Pain Chapters, Hamburg, Germany.
- Vowles, K. E. (2011, September). Contributing to practice-based evidence: A “case” study to guide practicing clinicians. In S. Morley (chair), *Evaluating clinical effectiveness: Its more than  $p < .05$* . Symposium conducted at the biannual meeting of the Pain Management Programmes Special Interest Group of the British Pain Society, Bath, UK.
- Vowles, K. E. (2011, July). Update on treatment outcome research in Acceptance and Commitment Therapy for chronic pain. In J. Lloyd (chair), *ACT research in the UK*. Symposium conducted at the annual meeting of the British Association for Behavioural and Cognitive Psychotherapies, Guildford, UK.
- Vowles, K. E. (2011, July). Towards a more comprehensive understanding of effective psychological treatments for those with chronic pain. In N. Tang (chair), *Maximising the effect of treatments for musculoskeletal pain: Strategies in primary and secondary care*. Symposium conducted at the annual meeting of the British Association for Behavioural and Cognitive Psychotherapies, Guildford, UK.
- Vowles, K. E. (2011, July). Update on active therapeutic processes in ACT for chronic pain. In N. Ferreira (chair), *ACT research in health contexts*. Symposium conducted at the 9<sup>th</sup> World Conference of the Association for Contextual Behavioral Science, Parma, Italy.
- Vowles, K. E. (2011, July). Expanding directions in ACT for chronic pain. (2011, July). In R. Wicksell (chair), *Outcomes and processes in Acceptance and Commitment Therapy*

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- (ACT) for chronic pain: Does it work and is it different from traditional CBT?* Symposium conducted at the 9<sup>th</sup> World Conference of the Association for Contextual Behavioral Science, Parma, Italy.
- Vowles, K. E. (2011, March). *Towards more adequate treatments of chronic pain*. Invited presentation given at the Stoke-on-Trent GP Consortium meeting. Stoke-on-Trent, United Kingdom.
- Vowles, K. E., (2011, March). *Behavioral principles in treatment: The example of chronic pain*. One day workshop delivered on the Clinical Psychology Training programme, Staffordshire University, Stoke-on-Trent, United Kingdom.
- Vowles, K. E. (2010, October). *Process and prevention in the treatment of chronic pain*. Presentation given at the Keele – Haywood Academic Partnership quarterly meeting, Keele, United Kingdom.
- Vowles, K. E., (2010, October). *Acceptance, values, and mindfulness in chronic pain*. Invited presentation given at the 5<sup>th</sup> National Rheumatology Pain Study Day, Leeds, United Kingdom.
- Vowles, K. E. (2010, October). *Emerging psychological perspectives on disability and rehabilitation in chronic pain*. Invited presentation given to the Department of Psychology, University of Derby, Derby, United Kingdom
- Vowles, K. E. (2010, October). *Update on interdisciplinary treatment of pain in the North Staffordshire and Stoke-on-Trent region*. Invited presentation given at the monthly Stoke-on-Trent GP educational meeting. Stoke-on-Trent, United Kingdom.
- Vowles, K. E. (2010, September). *Update on interdisciplinary treatment of pain in the North Staffordshire and Stoke-on-Trent region*. Invited presentation given at the monthly North Staffordshire GP educational meeting. North Staffordshire, United Kingdom.
- Cohen, L. L., Masuda, A., Feinstein, A. B., Welton, J., & Vowles, K. E. (2010, June). *Pain intensity, psychological inflexibility, and acceptance of chronic illness as predictors of quality of life in adolescents with sickle cell disease*. Paper presented at the Association for Contextual Behavior Science Annual World Conference VIII, Reno, Nevada, USA.
- McCracken, L. M., Vowles, K. E., & Dahl, J. (2010, May). *Working with acceptance, mindfulness, and values in chronic pain: An introduction and skills building workshop*. Clinical workshop conducted at the May 2010 meeting of the American Pain Society, Baltimore, Maryland, USA.
- Vowles, K. E., McCracken, L. M., & Zhao-O'Brien, J. (2010, May). *Acceptance and values-based action in chronic pain: An analysis of treatment outcomes and processes three years after treatment completion*. Paper presented at the May 2010 meeting of the American Pain Society, Baltimore, Maryland, USA.

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- Vowles, K. E. (2010, April). *Characteristics of effective treatment environments*. Invited presentation given at the April 2010 annual meeting of the British Pain Society, Manchester, UK.
- Vowles, K. E., Ashworth, J., Beachill, D., Graham, C., Packham, J., Sowden, G., & Stanyer, N. (2010, April). *An examination of acceptance and values at the interface of primary and secondary care in adults with chronic pain*. Invited paper presented at the 2010 meeting of the British Pain Society, Manchester, UK.
- Vowles, K. E. (2009, December). *Emerging psychological perspectives on disability and rehabilitation in chronic pain*. Invited colloquium given at the Department of Psychology, Staffordshire University, Stoke-on-Trent, UK.
- Vowles, K. E. (2009, September). Making the transition: Recommendations in designing remote treatments for complex individuals. In E. Keogh (chair), *Cybertherapy and pain: An introduction and methodological review*. Symposium conducted at the 6<sup>th</sup> Congress of the European Chapters of the International Association for Pain Chapters, Lisbon, Portugal. [also listed as published abstract].
- Fung, K., Zurowski, M., Dahl, J., Vowles, K. E., & Wicksell, R. (2009, July). *Working with values in chronic pain*. Panel discussion conducted at the 2009 meeting of the Association for Contextual Behavioral Science, Enschede, The Netherlands.
- Vowles, K. E. (2009, July). *Assessment, treatment, and process in Acceptance and Commitment Therapy for chronic illness*. Symposium chaired at the 2009 meeting of the Association for Contextual Behavioral Science, Enschede, The Netherlands.
- Vowles, K. E., Catchpool, N., Johnson, A., Bristow, K., & Hadlandsmayth, K. (2009, July). Tired all the time: The role of acceptance in Chronic Fatigue Syndrome. In K. E. Vowles (chair), *Assessment, treatment, and process in Acceptance and Commitment Therapy for chronic illness*. Symposium conducted at the 2009 meeting of the Association for Contextual Behavioral Science, Enschede, The Netherlands.
- Vowles, K. E., & McCracken, L. M. (2009, July). Building our tower: Evidence for acceptance, mindfulness, and values in the treatment of chronic pain. In D. Gillanders (chair), *Acceptance and Commitment Therapy and chronic illnesses*. Symposium conducted at the 2009 meeting of the Association for Contextual Behavioral Science, Enschede, The Netherlands.
- Vowles, K. E. (2009, May). What matters and what to include in treatment? More questions than answers. Invited plenary sponsored by the British Psychological Society, Faculty of Clinical Health Psychology, as part of a day long symposium, *Psychological care for people with physical health Problems: Critical perspective and current thinking and relevance to service structure and development*. Bristol, UK.
- Vowles, K. E. (2009, May). Coping in chronic pain: What behaviors are we trying to alter? In M. P. Jensen (moderator), *Learning to live with pain: Advances in the psychology of human*

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- suffering*. Symposium conducted at the 2009 annual meeting of the American Pain Society, San Diego, CA, USA.
- Vowles, K. E. (2008, March). *Expanding the cognitive-behavioral tradition: Acceptance and values in chronic pain*. Invited workshop conducted at the Conditions Management Programmes Annual Training Event, Chepstow, Wales, United Kingdom.
- Vowles, K. E. (2008, November). *Emerging psychological perspectives on disability and rehabilitation in chronic pain*. Invited presentation given at the annual joint meeting of the College of Occupational Therapists – Work Specialist Section, British Society of Rehabilitation Medicine, & Vocational Rehabilitation Association, Bristol, United Kingdom.
- Vowles, K. E., & McCracken, L. M. (2008, September). Acceptance and values-based action in Contextual Cognitive Behavioral Therapy for chronic pain: A study of treatment effectiveness and process. In J. Dahl (Chair), *Acceptance and Commitment Therapy and treatment of different psychological problems*. Symposium conducted at the 2008 European Association for Cognitive and Behavioural Therapies Annual Congress, Helsinki, Finland.
- Vowles, K. E., & McCracken, L. M. (2008, September). Comparing the influence of psychological flexibility and traditional pain management coping strategies on treatment outcomes in chronic pain. In S. C. Hayes (Chair), *Processes of change in Cognitive Behavioral Therapy and Acceptance and Commitment Therapy*. Symposium conducted at the 2008 European Association for Cognitive and Behavioural Therapies Annual Congress, Helsinki, Finland.
- Vowles, K. E., McCracken, L. M., Eccleston, C., McLeod, C. (2008, September). *The Chronic Pain Acceptance Questionnaire: Confirmatory factor analysis and identification of patient subgroups*. Paper selected for oral presentation at the 2008 European Association for Cognitive and Behavioural Therapies Annual Congress, Helsinki, Finland.
- Vowles, K. E. (2008, May). *Psychological perspectives on pain and suffering*. Invited plenary sponsored by the Royal Society of Medicine as part of a day long symposium, *The many facets of low back pain*. Belfast, Ireland, UK.
- Vowles, K. E. (2007, November). *Exploring the influence of acceptance, mindfulness, and values-based action on treatment outcomes and overall functioning: Unique contributions or old wine in a new bottle?* Symposium chaired at the 2007 meeting of the Association of Behavioral and Cognitive Therapies. Philadelphia, PA, USA.
- Vowles, K. E., & McCracken, L. M. (2007, November). The contributions of psychological flexibility and traditional pain management strategies to patient functioning with chronic pain. In K. E. Vowles (Chair), *Exploring the influence of acceptance, mindfulness, and values-based action on treatment outcomes and overall functioning: Unique contributions or old wine in a new bottle?* Symposium conducted at the 2007 meeting of the Association of Behavioral and Cognitive Therapies. Philadelphia, PA, USA.



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- Vowles, K. E., & McCracken, L. M. (2007, November). Treatment for severely disabled chronic pain sufferers: Outcomes, clinically significant change, and key processes. In D. W. McNeil (Chair), *Pain and comorbidity: Basic research leading to clinical interventions*. Symposium conducted at the 2007 meeting of the Association of Behavioral and Cognitive Therapies. Philadelphia, PA, USA.
- Vowles K. E. (2007, May). Acceptance and values-based action in contextual cognitive behavioral therapy for chronic pain: A study of effectiveness and treatment process. In Haythornthwaite, J. A. (Moderator), *Acceptance, mindfulness, values, and cognition in a contextual cognitive-behavioral approach to chronic pain*. Symposium presented at the 2007 meeting of the American Pain Society. Washington, DC, USA.
- Vowles, K. E., Gregg, J., Westin, V., & Lundgren, T. (2006, July). *Acceptance and Commitment Therapy in behavioural medicine*. Symposium conducted at the meeting of the Second World Conference on ACT, RFT, and Contextual Behavioral Science. London, UK.
- Vowles, K. E., & Wicksell, R. K. (2006, July). *The third wave therapies in the context of chronic and acute pain: A clinical and research update*. Symposium co-chaired at the meeting of the Second World Conference on ACT, RFT, and Contextual Behavioral Science. London, UK.
- Vowles, K. E., McCracken, L. M., & Eccleston, C. (2006, July). Patient functioning and catastrophizing in chronic pain: The mediating effects of acceptance. In K. E. Vowles & R. K. Wicksell (Chairs), *The third wave therapies in the context of chronic and acute pain: A clinical and research update*. Symposium conducted at the meeting of the Second World Conference on ACT, RFT, and Contextual Behavioral Science. London, UK.
- Vowles, K. E., McCracken, L. M., & Eccleston, C. (2005, November). Processes of behavior change in chronic pain: Pain intensity, catastrophizing, and acceptance. In L. A. Greco (Chair), *Acceptance within the context of chronic health conditions: Empirical findings, clinical applications, and directions for future research*. Symposium conducted at the 2005 meeting of the Association for Behavioral and Cognitive Therapies. Washington, DC, USA.
- Vowles, K. E., McNeil, D. W., Gross, R. T., McDaniel, M., Mouse, A., Bates, M., Gallimore, P. & McCall, C. (2005, May). *Pain-related acceptance and physical impairment in individuals with chronic low back pain*. Paper selected for oral presentation at the 2005 meeting of the American Pain Society, Boston, MA, USA. [also listed as published abstract].
- Vowles, K.E., McCracken, L. M., & Eccleston, C. (2005, April). Issues of measurement, validity, and treatment outcome in chronic pain-related acceptance. In F. Keefe (Moderator), *The role of acceptance in chronic pain: A clinical and research update*. Symposium presented at the 2005 meeting of the American Pain Society, Boston, MA, USA.

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- Vowles, K. E., McCracken, L. M., & Eccleston, C. (2004, November). Treatment outcome and three-month follow-up of an acceptance-based interdisciplinary treatment for chronic pain. In R. K. Wicksell (Chair), *Using ACT in the treatment of chronic pain and related disorders*. Symposium presented at the 2004 meeting of the Association for the Advancement of Behavior Therapy, New Orleans, LA, USA.
- Vowles, K. E., & McNeil, D. W. (2004, March). Fears of dentistry and pain: Evaluating differences in appointment attendance rates and pain responding based on patient subgroups. In D. W. McNeil (Chair), *Contemporary approaches to fears about dental pain: Theoretical formulations and clinical applications*. Symposium conducted at the 2004 meeting of the International Association for Dental Research, Honolulu, HI, USA.
- Vowles, K. E. (2003, November). *Depression, stress, and diabetes: Psychological and biological interactions*. Presentation sponsored by the University of Connecticut Health Center, Farmington, CT, USA. Part of the Discovery Series community presentations.
- Vowles, K. E. (2003, September). *Coping and emotion in diabetes*. Presentation sponsored by the Continuing Education Office of the University of Connecticut Health Center, Farmington, CT, USA. Part of the Diabetes Update Continuing Education Series for healthcare providers.
- Owens, B., Fortson, B., Vowles, K. E., Weidman, C., & McCartney, E. (2002, September). *Applying and interviewing for graduate school in psychology*. Round table discussion sponsored by the Department of Psychology, West Virginia University, Morgantown, WV, USA.
- Torsney, C., McNeil, D. W., & Vowles, K. E. (2002, June). *Mentoring and supervision in academic settings*. Round table discussion sponsored by Office of the Provost, West Virginia University, Morgantown, WV, USA.
- Larkin, K. T., Vowles, K. E., O'Connell, C., Frazer, N., Semenchuk, E., & Zayfert, C. (2002, April). *Nonverbal behaviors during confrontation and essential hypertension: Look me in the eye when you say that!* Paper presented at the 2002 meeting of the Society of Behavioral Medicine, Washington, D.C, USA.
- Black, A., Vowles, K. E., & McNeil, D. W. (2000, October). *Identifying treatment goals in clinical cases*. Presentation sponsored by the Quin Curtis Center for Psychological Service, Training, and Research. Morgantown, WV, USA.

*Clinical Trainings: Peer-Reviewed and Invited Workshops*

- Vowles, K. E. (2018, April). *Acceptance, mindfulness, and values in chronic pain: An introduction and skills-building seminar*. Invited two-day workshop presented at Joint Base Lewis-McChord. Tacoma, WA, USA.
- Vowles, K. E. (2018, June). *Changing patient behavior: Promoting motivation, engagement, and*

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- rapport*. Invited International Master Class series organized by the Australian Physiotherapy Association consisting of one-day workshops repeated across five cities. Sydney, Melbourne, Adelaide, Perth, & Brisbane, Australia.
- Vowles, K. E. (2018, April). *Acceptance, mindfulness, and values in chronic pain: An introduction and skills-building seminar*. Invited two-day workshop presented at Joint Base Andrews. Bethesda, MD, USA.
- Vowles, K. E. (2017, October). *Working with acceptance, mindfulness, and values in chronic pain: An introduction and skills building seminar*. Invited two-day workshop presented at Southern Oregon CCO Collaborative. Grants Pass, OR, USA.
- Vowles, K. E. (2017, May). *Working with acceptance, mindfulness, and values in chronic pain: An introduction and skills building seminar*. Invited two-day workshop presented at University Hospital Limerick. Limerick, Republic of Ireland.
- Vowles, K. E. (2017, May). *Multidisciplinary approaches to chronic pain*. Invited clinical masterclass presented at the 4<sup>th</sup> International Congress of Pain Physiotherapy. Valladolid, Spain.
- Vowles, K. E. (2017, February). *An introduction to Acceptance and Commitment Therapy for chronic pain*. Invited two-day workshop hosted by CareOregon Primary Care. Portland, OR, USA.
- Vowles, K. E. (2016, December). *Acceptance, mindfulness, and values in chronic pain: An introduction and skills building workshop*. Invited submission presented at the annual meeting of the American Academy of Addiction Psychiatry, Bonita Springs, FL, USA.
- Vowles, K. E., & Sowden, G. (2016, June). *Acceptance and Commitment Therapy for interdisciplinary pain services: Introduction and skill building workshop*. Invited clinical workshop given through the Stoke and Staffordshire Primary Care Trust, Manchester, UK.
- Vowles, K. E. (2016, May). *Working with acceptance, mindfulness, and values in chronic pain: An introduction and skills building seminar*. Invited clinical workshop given at Oregon Pain Guidance group's annual Moving through Chronic Pain: A Community Forum meeting, Medford, Oregon, USA.
- Vowles, K. E. (2016, March). *Working with acceptance, mindfulness, and values in chronic pain: A skills building workshop*. Workshop organized by Neuroscience Research Australia, Sydney, Australia.
- Vowles, K. E. (2016, March). *Working with acceptance, mindfulness, and values in chronic pain: A skills building workshop*. Workshop organized by the Australian Association for Cognitive Behaviour Therapy, Perth, Australia.
- Vowles, K. E. (2016, March). *Working with acceptance, mindfulness, and values in chronic pain:*

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- A skills building workshop.* Workshop organized by the Australian Psychological Association, Melbourne, Australia.
- Vowles, K. E., (2015, June). *An introduction to Acceptance and Commitment Therapy for chronic pain.* Invited workshop presented at the 4<sup>th</sup> annual “A thoughtful approach to pain management: New horizons – what clearly works” conference. Conference organized by Continuing Medical Education of Southern Oregon, Medford, OR, USA.
- Vowles, K. E. (2015, March). *A primer on Acceptance and Commitment Therapy for chronic pain.* Workshop organized by the Australian Pain Society and Pain Adelaide Consortium, Adelaide, Australia.
- Vowles, K. E. (2015, March). *A primer on Acceptance and Commitment Therapy for chronic pain: Willingness and values.* Invited workshop provided as part of Neuro Orthopaedic Institute Australasia’s Explain Pain 3-day seminar, Melbourne, Australia.
- Vowles, K. E. (2014, September). ACT for chronic pain: Understanding chronic pain from a contextual behavioral perspective. Workshop hosted by the Portland Psychotherapy Clinical, Research, and Training Center, Portland, OR, USA.
- Vowles, K. E. (2014, June). *Acceptance and Commitment Therapy for chronic pain.* Invited workshop conducted at the annual meeting of the Association for Contextual Behavioral Science, Minneapolis, MN, USA.
- Vowles, K. E. (2014, May). *Acceptance and Commitment Therapy in the treatment of complex chronic pain.* Workshop invited by the Irish Society of Chartered Physiotherapists, Shannon, Republic of Ireland.
- Vowles, K. E. (2013, April). Working with acceptance, mindfulness, and values in chronic pain: An introduction and skills building seminar. Clinical seminar presented at the annual meeting of the Society of Behavioral Medicine. Philadelphia, PA, USA.
- Cohen, L. L., & Vowles, K. E. (2013, April). *Acceptance and values-based behavioral treatment for pediatric chronic pain.* Workshop conducted at the National Conference on Pediatric Psychology. New Orleans, LA, USA.
- Vowles, K. E., & Sowden, G. (2012, June). *Acceptance and Commitment Therapy for chronic pain: Introductory workshop.* One day workshop sponsored by the Nuffield Orthopaedic Centre, Oxford University Hospitals, Oxford, United Kingdom.
- Vowles, K. E., Sowden, G., & Ashworth, J. (2012, June). *Interdisciplinary rehabilitation for chronic pain: An introduction and skills-building workshop.* Three day workshop sponsored by The Irish Society for Physiotherapy, Dublin, Republic of Ireland.
- Vowles, K. E., & McCracken, L. M. (2011, July). *Working with acceptance, mindfulness, and values in chronic pain: An introduction and skills building workshop.* Skills class conducted at the annual meeting of the British Association for Behavioural and Cognitive

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Psychotherapies, Guildford, UK.

- Vowles, K. E., Thompson, M., Sowden, G., Wilson, S., & Ashworth, J. (2011, July). *Interdisciplinary ACT for chronic pain: A primer and skills-based workshop*. Workshop conducted at the 9<sup>th</sup> World Conference of the Association for Contextual Behavioral Science, Parma, Italy.
- Vowles, K. E. (2010, June). *Acceptance and Commitment Therapy for Chronic Pain*. 1-day workshop conducted at the Nottingham Pain and Back Team, City Hospital, Nottingham, UK.
- Vowles, K. E. (2010, May). *Acceptance and Commitment Therapy for chronic pain*. ½ day workshop delivered as part of the *Learning ACT* week, Southampton University, Southampton, UK.
- Vowles, K. E. (2010, May). *Values*. ½ day workshop delivered as part of the *Learning ACT* week, Southampton University, Southampton, UK.
- Vowles, K. E. (2009, November). *Introduction to clinical skills and Acceptance and Commitment Therapy for physiotherapists working in chronic pain*. 1-day workshop presented at the ARC Primary Care Sciences Centre, Keele University, Keele, UK.
- Vowles, K. E. (2009, September). *Clinical skills for complex clients*. Invited 4-day workshop given for Novas Scarman (workshop will be conducted 4 times between September 2009 and July 2010). Bristol, UK.
- Vowles, K. E. (2008, December). *Acceptance, mindfulness, and values in the treatment of chronic pain*. Invited 2-day workshop conducted at the Department of Pain Rehabilitation, Karolinska Institute, Stockholm, Sweden.
- Vowles, K. E. (2008, February). *Acceptance, values, and mindfulness in the context of chronic pain*. Invited one-day workshop conducted at the British School of Osteopathy as part of the Cognitive Behavioral Treatment for Chronic Pain training series. London, UK
- Wicksell, R. K., Vowles, K. E., & Robinson, P. (2006, July). *Acceptance in the context of chronic pain in children and adults*. Workshop conducted at the Second World Conference on ACT, RFT, and Contextual Behavioural Science. London, UK.

#### *Poster Presentations*

- Kruger, E., & Vowles, K. E. (accepted). *Precision medicine for psychological treatment of chronic pain*. Poster accepted for presentation at the 17<sup>th</sup> World Congress on Pain. Boston, MA, USA.
- Edwards, K. A., & Vowles, K. E. (2018, June). *Perceived control of alcohol use: Associations with polysubstance use and functioning among college students*. Poster presented for presentation at the annual meeting of the Research Society on Alcoholism. San Diego, CA.

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Bailey, R. W., Bolling, L. A., Jensen, M. P., & Vowles, K. E., (2018, April). *Development of the Pain Response Style Inventory: A new measure for examining ambivalence toward engaging in behavioral treatments for chronic pain*. Poster presented at the annual meeting of the Society of Behavioral Medicine. New Orleans, LA.

Edwards, K. A., Pielech, M. P., Kruger, E. S., Ford, C. G., & Vowles, K. E. (2018, April). *The role of self-compassion in functioning among those with chronic pain*. Poster presented at the annual meeting of the Society of Behavioral Medicine. New Orleans, LA.

Edwards, K. A., & Vowles, K. E. (2018, April). *Perception of harm related to opioids is associated with substance use frequency in college undergraduates*. Poster presented at the annual meeting of the Society of Behavioral Medicine. New Orleans, LA.

Ford, C. G., Vowles, K. E., Steffen, L. E., & Kinney, A. Y. (2018, April). *Meditative interventions and mental health outcomes among male cancer survivors: A meta-analysis*. Poster presented at the annual meeting of the Society of Behavioral Medicine. New Orleans, LA.

Kruger, E., Helitzer, D., Graeber, D., Rhyne, R., & Vowles, K. E. (2018, April). *Assessing severity of adverse childhood experiences in chronic pain patients*. Poster presented at the annual meeting of the Society of Behavioral Medicine. New Orleans, LA.

Kruger, E., McCracken, L. M., & Vowles, K. E. (2018, April). *Classifying chronic pain patients by values and acceptance*. Poster presented at the annual meeting of the Society of Behavioral Medicine. New Orleans, LA.

McEntee, M. L. & Vowles, K. E. (2017, March). *Sex and gender differences in chronic pain-related disability*. Poster presented at the annual meeting of the Society of Behavioral Medicine. San Diego, CA.

McEntee, M. L., Pielech, M. & Vowles, K.E. (2016, August). *Reliability of the Sickness Impact Profile for Chronic Pain (SIP-CP)*. Poster presented at the annual meeting of the American Psychological Association. Denver, CO.

Pielech, M. Bailey, R. W., McEntee, M. L., Ashworth, J., Levell, J. Sowden, G., & Vowles, K. E. (2016, August). *Measuring engagement in valued activities: The Values Tracker and the Chronic Pain Values Inventory*. Poster presented at the annual meeting of the American Psychological Association. Denver, CO.

Bailey R.W., Vowles, K.E., Witkiewitz, K., Pielech, M. Ashworth, J., Sowden, G. (2016, May). *Examining committed action in chronic pain: Further validation and clinical utility of the Committed Action Questionnaire*. Poster presented at the 2016 American Pain Society. Austin, TX, USA.

Pielech, M., Rivers, W. E., Bailey, R. W., & Vowles, K.E. (2016, May). *Pediatric opioid prescription rates for non-cancer pain: 2005-2014*. Poster presented at the 2016 American Pain Society. Austin, TX, USA.

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- Bailey R.W., Pielech, M., McEntee, M.L, Ashworth, J., Levell, J., Sowden, G., Vowles, K.E. (2016, March). *Predicting Patient Functioning in Chronic Pain with the Values Tracker: A Two-Item Measure of Engagement in Valued Activities*. Poster presented at the 2016 Society of Behavioral Medicine Annual Meeting. Washington, DC, USA.
- Paulus, D. J., Bakhshaie, J., Garza, M., Ochoa-Perez, M., Mayorga, N. A., Bogiaizian, D., Robles, Z., Lu, Q., Ditre, J., Vowles, K. E., Schmidt, N. B., & Zvolensky, M. J. (2016, April). *Pain severity and emotion dysregulation among Latinos in primary care: Relations to mental health*. Poster presented at the 6<sup>th</sup> annual Gulf Coast Consortium for Translational Pain Research. Houston, TX, USA.
- Bailey, R. W., Vowles, K. E., Sowden, G., & Ashworth, J. (2015, April). *An investigation of committed action in chronic pain and its relation to patient functioning*. Poster presented at the annual meeting of the Society for Behavioral Medicine. San Antonio, TX, USA.
- Cook, A. J., Meyer, E. C., Evans, L., Vowles, K. E., Klocek, J. W., Kimbrel, N. A., Gulliver, S. B., & Morissette, S. B. (2015, April). *Chronic pain acceptance incrementally predicts disability in polytrauma exposed veterans*. Poster presented at the annual meeting of the Society for Behavioral Medicine. San Antonio, TX, USA.
- McEntee, M. L., Vowles, K. E., & McCracken, L. M. (2014, May). *Factor structure and a new short form of the Sickness Impact Profile in chronic pain*. Poster presented at the annual meeting of the American Pain Society. Tampa, FL, USA.
- Rivers W. E., Vowles K. E., Mead, B., Gosselin, K. (2014, May). *Development of computerized clinical outcomes database*. Poster presented at the annual meeting of the American Pain Society. Tampa, FL, USA.
- Steffen, L. E., McLouth, C. J., McCracken, L. M., & Vowles, K. E. (2014, May). *Acceptance and pain-related fear in chronic pain: Opposite sides of the same coin?* Poster presented at the annual meeting of the American Pain Society. Tampa, FL, USA.
- Vowles, K. E., Fink, B. C., & Cohen, L. L. (2014, May). *Acceptance and Commitment Therapy for chronic pain: A diary study of treatment process in relation to reliable change in disability*. Poster presented at the annual meeting of the American Pain Society. Tampa, FL, USA.
- Bailey, R. W., Vowles, K. E., & Chen, C. (2014, April). *Predicting stress in caregivers of older adults with dementia*. Poster presented at the annual meeting of the Society of Behavioral Medicine. Philadelphia, PA, USA.
- McEntee, M. L., Vowles, K. E., & McCracken, L. M. (2014, April). *Acceptance of chronic pain: An examination of the utility of patient subgroups over the course of treatment*. Poster presented at the annual meeting of the Society of Behavioral Medicine. Philadelphia, PA, USA.

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- Bailey, R. W., Vowles, K. E., & Chen, C. (2013, October). *Caregiver perception of symptom controllability in those with dementia*. Poster presented at the annual meeting of the North American Society for Psychotherapy Research. Memphis, TN, USA.
- Frohe, T., Strong, L., McEntee, M. L., van der Goes, D., Ney, J., & Vowles, K. E. (2013, May). *Systematic review of opioid dependence in chronic pain*. Poster presented at the annual meeting of the American Pain Society. New Orleans, LA, USA. [also listed as published abstract].
- McEntee, M. L., Vowles, K. E., & McCracken, L. M. (2013, May). *Reliability and predictive utility of a dual component model of acceptance in chronic pain*. Poster presented at the annual meeting of the American Pain Society. New Orleans, LA, USA. [also listed as published abstract].
- Vowles, K. E., Sowden, G., & Ashworth, J. (2013, May). *A comprehensive examination of the theoretical framework underlying Acceptance and Commitment Therapy for chronic pain*. Poster presented at the annual meeting of the American Pain Society. New Orleans, LA, USA. [also listed as published abstract].
- Sowden, G., Vowles, K. E., Beachill, D., Stanyer, J., & Packham, J. *Preliminary outcomes from an abbreviated interdisciplinary programme of Acceptance and Commitment Therapy for patients with chronic pain*. (2011, September). Poster presented at the 7<sup>th</sup> Congress of the European Chapters of the International Association for Pain Chapters, Hamburg, Germany. [also listed as published abstract].
- Ashworth, J., Vowles, K. E., Beachill, D., Sowden, G., Stanyer, N., & Packham, J. (2011, May). *Clinical outcomes and healthcare utilisation following a community based interdisciplinary group rehabilitation programme for patients with chronic pain*. Poster presented at the 2011 European League Against Rheumatism Conference, London, UK.
- Vowles, K. E., Ashworth, J., Beachill, D., Graham, C., Packham, J., Sowden, G., & Stanyer, N. (2011, May). *Preliminary outcomes of an abbreviated interdisciplinary programme of Acceptance and Commitment Therapy for chronic pain*. Poster presented at the 2011 meeting of the American Pain Society, Austin, TX, USA. [also listed as published abstract].
- Vowles, K. E., Stanyer, N., Sowden, G., Packham, J., Beachill, D., & Ashworth, J. (2011, May). *Operationalizing effective functioning within a context of continuing pain in a community-based setting*. Poster presented at the 2011 meeting of the American Pain Society, Austin, TX, USA. [also listed as published abstract].
- Vowles, K. E., Cohen, L. L., McCracken, L. M., & Eccleston, C. (2010, May). *Disentangling the complex relations among caregiver and adolescent responses to adolescent chronic pain: A cross-sectional, multivariate analysis using structural equation modelling*. Poster presented at the 2010 meeting of the American Pain Society, Baltimore, Maryland, USA. [also listed as published abstract].



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- Vowles, K. E., McCracken, L. M., & Zhao-O'Brien, J. (2010, April). *Acceptance and values-based action in chronic pain: An analysis of treatment outcomes and processes three years after treatment completion*. Poster presented at the 2010 meeting of the American Pain Society, Baltimore, Maryland, USA (poster selected for oral presentation). [also listed as published abstract].
- Vowles, K. E., McCracken, L. M., & Zhao-O'Brien, J. (2010, April). *Acceptance and values-based action in chronic pain: An analysis of treatment outcomes and processes three years after treatment completion*. Poster presented at the 2010 meeting of the British Pain Society, Manchester, UK.
- Vowles, K. E., Ashworth, J., Beachill, D., Graham, C., Packham, J., Sowden, G., & Stanyer, N. (2010, April). *An examination of acceptance and values at the interface of primary and secondary care in adults with chronic pain*. Poster presented at the 2010 meeting of the British Pain Society, Manchester, UK. [abstract shortlisted one of the top five submissions and also invited for oral presentation]
- Cohen, L. L., Vowles, K. E., & Eccleston, C. (2009, September). *The impact of adolescent pain on functioning: Disentangling the complex role of anxiety*. Poster presented at the 6<sup>th</sup> Congress of the European Chapters of the International Association for Pain Chapters, Lisbon, Portugal. [also listed as published abstract].
- Rosser, B., Vowles, K., Keogh, E., Eccleston, C., & Mountain, G. (2009, September). *A systematic review of technology-assisted behaviour change for the management of chronic health conditions including pain*. Poster presented at the 6<sup>th</sup> Congress of the European Chapters of the International Association for Pain Chapters, Lisbon, Portugal. [also listed as published abstract].
- Vowles, K. E., Rosser, B., Januszewicz, P., Morlion, B., Evers, S., & Eccleston, C. (2009, September). *Pain and analgesic use in seven European countries and Russia*. Poster presented at the 6<sup>th</sup> Congress of the European Chapters of the International Association for Pain Chapters, Lisbon, Portugal. [also listed as published abstract]. \*Poster nominated for Best Poster Presentation.
- Vowles, K. E., & McCracken, L. M. (2009, September). *Contributions of psychological flexibility and traditional pain management strategies on treatment outcomes*. Poster presented at the 6<sup>th</sup> Congress of the European Chapters of the International Association for Pain Chapters, Lisbon, Portugal. [also listed as published abstract].
- Cohen, L. L., Vowles, K. E., & Eccleston, C. (2009, May). *A taxonomy of adolescents with chronic pain: Predicting parents' distress*. Poster presented at the 2009 meeting of the American Pain Society, San Diego, CA, USA. [also listed as published abstract].
- McCracken, L. M., Vowles, K. E., McLeod, C., & Eccleston, C. (2009, May). *A subgroup analysis in chronic pain: Further evidence for a dual component model of acceptance of pain*. Poster presented at the 2009 meeting of the American Pain Society, San Diego, CA, USA. [also listed as published abstract].

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- Vowles, K. E., Jordan, A., Eccleston, C., & McCracken, L. M. (2009, May). *Toward a taxonomy of adolescents with chronic pain: Cluster and discriminant analysis of the Bath Adolescent Pain Questionnaire*. Poster presented at the 2009 meeting of the American Pain Society, San Diego, CA, USA. [also listed as published abstract].
- Vowles, K. E., McCracken, L. M., McLeod, C., & Eccleston, C. (2009, May). *Exploratory and confirmatory factor analysis of the Chronic Pain Acceptance Questionnaire*. Poster presented at the 2009 meeting of the American Pain Society, San Diego, CA, USA. [also listed as published abstract].
- Rosser, B., Vowles, K. E., Keogh, E., Eccleston, C., Mountain, G.A. (2009, April). *A systematic review of technology-assisted behaviour change for the management of chronic health conditions including pain*. Poster presented at the 2009 meeting of the British Pain Society, London, UK.
- Clarke, J., Eccleston, C., & Vowles, K. E. (2008, May). *Identifying the psychosocial influences on walking quality in chronic pain sufferers*. Poster presented at the 2008 meeting of the American Pain Society, Tampa, FL, USA. [also listed as published abstract].
- McCracken, L. M., Keogh, E., & Vowles, K. E. (2008, May). *Anxiety sensitivity, experiential avoidance, and chronic pain*. Poster presented at the 2008 meeting of the American Pain Society, Tampa, FL, USA. [also listed as published abstract].
- McCracken, L. M., Thompson, M., & Vowles, K. E. (2008, May). *Cognitive behavioral components of mindfulness in patients with chronic pain*. Poster presented at the 2008 meeting of the American Pain Society, Tampa, FL, USA. [also listed as published abstract].
- Vowles, K. E., & McCracken, L. M. (2008, May). *A prospective analysis of acceptance of pain and values-based action in chronic pain sufferers*. Poster presented at the 2008 meeting of the American Pain Society, Tampa, FL, USA. [also listed as published abstract].
- Vowles, K. E., & McCracken, L. M. (2008, May). *Contributions of psychological flexibility and traditional pain management strategies on outcomes following interdisciplinary treatment for chronic pain*. Poster presented at the 2008 meeting of the American Pain Society, Tampa, FL, USA. [also listed as published abstract].
- Clarke, J., Eccleston, C., & Vowles, K. E. (2008, April). *Psychological predictors of walking quality in chronic pain*. Poster presented at the 2008 meeting of the British Pain Society, Liverpool, UK.
- Connell, H., Vowles, K. E., & Williams, S. (2008, April). *Pain management programme for young adults*. Poster presented at the 2008 meeting of the British Pain Society, Liverpool, UK.
- Vowles, K. E., & McCracken, L. M. (2008, April). *Targeting acceptance and values in the treatment of chronic pain: A study of statistical and clinical effectiveness*. Poster

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presented at the 2008 meeting of the British Pain Society, Liverpool, UK.

- McCracken, L. M., Gauntlett-Gilbert, J., & Vowles, K. E. (2007, May). *The role of mindfulness in a contextual cognitive-behavioral analysis of chronic pain-related suffering and disability*. Poster presented at the 2007 meeting of the American Pain Society, Washington, DC, USA. [also listed as published abstract].
- Vowles, K. E., McCracken, L. M., & Eccleston, C. (2007, May). *Patient functioning and catastrophizing in chronic pain: The mediating effects of acceptance*. Poster presented at the 2007 meeting of the American Pain Society, Washington, DC, USA. [also listed as published abstract].
- Vowles, K. E., MacLaren, J., & Gross, R. T. (2006, March). *Continued depressive symptoms as a risk of decreased treatment effect following interdisciplinary treatment*. Poster presented at the 2006 meeting of the American Pain Society, San Antonio, TX, USA. [also listed as published abstract].
- Vowles, K. E., McCracken, L. M., & Eccleston, C. (2006, March). *Processes of behavior change in interdisciplinary treatment of chronic pain: Contributions of pain intensity, catastrophizing, and acceptance*. Poster presented at the 2006 meeting of the American Pain Society, San Antonio, TX, USA. [also listed as published abstract].
- Vowles, K. E., Sorrell, J. T., & Lobach-Wetherell, J. (2006, March). *Acceptance-based group treatment for chronic pain: Findings of two pilot investigations*. Poster presented at the 2006 meeting of the American Pain Society, San Antonio, TX, USA. [also listed as published abstract].
- Vowles, K. E., Cook, A. J., & Chastain, D. C. (2005, April). *Screening for depression and anxiety in chronic pain patients: Investigating the reliability and utility of a brief measure of psychopathology*. Poster presented at the 2005 meeting of the American Pain Society, Boston, MA, USA. [also listed as published abstract].
- Sorrell, J. T., McNeil, D. W., & Vowles, K. E. (2004, May). *Effects of information type on expected, experienced, and remembered pain among endodontic patients*. Poster presented at the 2004 meeting of the American Pain Society/Canadian Pain Society, Vancouver, British Columbia, Canada. [also listed as published abstract].
- Taylor, B., Vowles, K. E., Gross, R. T., & McDaniel, M. L. (2004, May). *Are you satisfied? An examination of satisfaction and treatment outcome measures in an interdisciplinary functional restoration program for patients with chronic pain*. Poster presented at the 2004 meeting of the American Pain Society/Canadian Pain Society, Vancouver, British Columbia, Canada. [also listed as published abstract].
- Vowles, K. E., & Sorrell, J. T. (2004, May). *Acceptance of chronic pain: Description of a short-term group intervention*. Poster presented at the 2004 meeting of the American Pain Society/Canadian Pain Society, Vancouver, British Columbia, Canada. [also listed as published abstract].

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- Vowles, K. E., & Cooney, J. L. (2004, February). *The influence of baseline depression and alcohol use on smoking cessation outcomes*. Poster presented at the 2004 meeting of the Society for Research on Nicotine and Tobacco, Scottsdale, AZ, USA.
- Sorrell, J. T., McNeil, D. W., & Vowles, K. E. (2003, November). *Pain predictions versus actual experiences among monitors and blunders during root canal treatment*. Poster presented at the 2003 meeting of the Association for the Advancement of Behavior Therapy, Boston, MA, USA.
- Vowles, K. E., McNeil, D. W., Sorrell, J. T., & Gross, R. T., McDaniel, M. L., & Mouse, A. (2003, November). *Pain-related acceptance and functional ability in individuals with chronic pain*. Poster presented at the 2003 meeting of the Association for the Advancement of Behavior Therapy, Boston, MA, USA.
- Vowles, K. E., Gross, R. T., Koven, L., & Sperry, J. A. (2003, March). *Measures of psychosocial distress in chronic pain: Are we assessing one factor or many?* Poster presented at the 2003 meeting of the American Pain Society, Chicago, IL, USA. [also listed as published abstract].
- Vowles, K. E., McNeil, D. W., Sorrell, J. T., McKee, D. R., Zvolensky, M. J., Graves, R. W., Weaver, B. R., Riel, J., & Lawrence, S. M. (2003, March). *Dental fear and fear of pain: Evaluating the validity of subtypes among oral surgery outpatients*. Poster presented at the 2003 meeting of the American Pain Society, Chicago, IL, USA. [also listed as published abstract].
- Vowles, K. E., Zvolensky, M. J., Gross, R. T., Sperry, J. A., & Boggess, J. (2003, March). *Dimensions of pain-related anxiety*. Poster presented at the 2003 meeting of the American Pain Society, Chicago, IL, USA. [also listed as published abstract].
- McNeil, D. W., Vowles, K. E., Crout, R. J., Sorrell, J. T., Razmus, T. F., Lewis, M. W., Lawrence, S. M., Rice, E., Patthoff, E., & Chrystan, J. A. (2003, March). *Dental fear and fear of pain: Differentiating clusters of dental patients*. Poster presented at the 2003 meeting of the American Association for Dental Research, San Antonio, TX, USA.
- Sorrell, J. T., McNeil, D. W., Vowles, K. E., Lawrence, S. M., Chrystan, J. A., & Gochenour, L. (2003, March). *Evidence-based assessment and patient education using informational videotapes*. Poster presented at the 2003 meeting of the American Association for Dental Research, San Antonio, TX, USA.
- Sorrell, J. T., Vowles, K. E., McNeil, D. W., Broadman, L. M., Hursey, K. G., Huber, S. J., & Vaglianti, R. M. (2002, November). *Fear of pain and the prediction of pain tolerance among chronic pain patients*. Poster presented at the 2002 meeting of the Association for the Advancement of Behavior Therapy, Reno, NV, USA.
- Vowles, K. E., McNeil, D. W., Sorrell, J. T., Lawrence, S. M., & Rice, E. (2002, November). *Determinants of responding in painful and fearful situations: An experimental*

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- investigation*. Poster presented at the 2002 meeting of the Association for the Advancement of Behavior Therapy, Reno, NV, USA.
- Sorrell, J. T., Vowles, K. E., Gross, R. T., & McDaniel, M. (2002, April). *Physical and psychosocial predictors of post treatment work status in individuals with chronic pain*. Poster presented at the 2002 meeting of the Society of Behavioral Medicine; Washington, D.C, USA.
- Sorrell, J. T., Vowles, K. E., Lawrence, S. M., & McNeil, D. W. (2002, April). *Fear of pain in dentistry: Current status and implications for treatment adherence*. Poster presented at the 2002 meeting of the Society of Behavioral Medicine, Washington D.C., USA.
- Vowles, K. E., O'Connell, C. E., Larkin, K. T., & Zayfert, C. (2002, April). *Correlates of adherence in anger management training with essential hypertensives: Is treatment adherence related to behavioral and blood pressure changes?* Poster presented at the 2002 meeting of the Society of Behavioral Medicine, Washington, D.C., USA [also listed as published abstract].
- Vowles, K. E., Sorrell, J. T., McNeil, D. W., Lawrence, S. M., & Rice, E. (2002, April). *Is fear painful? An experimental investigation into the relation between fear and pain*. Poster presented at the 2002 meeting of the Society of Behavioral Medicine, Washington, D.C., USA [also listed as published abstract].
- Vowles, K. E., & Gross, R. T. (2002, March). *Work-related beliefs about injury: Mediators of functional capacity in individuals with chronic pain?* Poster presented at the 2002 meeting of the American Pain Society, Baltimore, MD, USA. [also listed as published abstract].
- Feldner, M. T., Zvolensky, M. J., Eifert, G. H., Spira, A. P., & Vowles, K. E. (2001, November). *An experimental investigation of experiential avoidance of a carbon dioxide-enriched air biological challenge*. Poster presented at the meeting of the Association for the Advancement of Behavior Therapy, Philadelphia, PA, USA.
- Kennedy, S. G., McNeil, D. W., Hursey, K. G., Vowles, K. E., Sorrell, J. T., Lawrence, S. M., Patthoff, E. B., Whipkey, D. T., Broadman, L. M., Vaglianti, R. M., & Huber, S. J. (2001, November). *Development of a short form of the fear of pain questionnaire*. Poster presented at the meeting of the Association for the Advancement of Behavior Therapy, Philadelphia, PA, USA.
- McNeil, D. W., Cohen, L. L., Crout, R. J., Berk, N. W., Weyant, R. J., Lawrence, S. M., Davis, B. A., Patthoff, E. B., Vowles, K. E., Sorrell, J. T., & Tarter, R. E. (2001, November). *Dental fear differences in Appalachian children and their parents*. Poster presented at the meeting of the Association for the Advancement of Behavior Therapy, Philadelphia, PA, USA.
- Sorrell, J. T., Vowles, K. E., McNeil, D. W., & Lawrence, S. M. (2001, October). *The role of*

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*predictability and controllability in pain and fear reduction during dental procedures.* Poster presented at the West Virginia Psychological Association Fall Conference, Morgantown, WV, USA.

Sorrell, J. T., McNeil, D. W., Vowles, K. E., Broadman, L. M., Hursey, K. G., Huber, S. J., Vaglienti, R. M., & Kennedy, S. G. (2001, March). *Effects of pain and fear stimulus intensity on pain responding in chronic pain patients.* Poster presented at the meeting of the Society of Behavioral Medicine, Seattle, WA, USA.

Vowles, K. E., McNeil, D. W., Sorrell, J. T., McKee, D. R., Zvolensky, M. J., Graves, R. W., Weaver, B. R., Riel, J., & Lawrence, S. M. (2001, March). *Relation among fear, anxiety, and appointment adherence in oral surgery patients.* Poster presented at the meeting of the Society of Behavioral Medicine, Seattle, WA, USA. [Poster also presented at the West Virginia Psychological Association Fall Conference, Morgantown, WV.]

Sorrell, J. T., McNeil, D. W., Vowles, K. E., Broadman, L. M., Hursey, K. G., Huber, S. J., Vaglienti, R. M., & Kennedy, S. G. (2000, November). *Avoidance and escape behavior in laboratory-based pain induction in chronic pain patients.* Poster presented at the meeting of the Association for the Advancement of Behavior Therapy, New Orleans, LA, USA. [Poster also presented at the February 2001 American Association for Dental Research poster session, Morgantown, WV.]

McNeil, D. W., Frere, C. L., Crout, R. J., Yorty, J. S., Sorrell, J. T., & Vowles, K. E. (2000, April). *Audiovisual distraction effects on physiological responding during dental prophylaxis.* Poster presented at the International Association of Dental Research, Washington, DC, USA. [Poster also presented at the February 2000 American Association for Dental Research poster session, Morgantown, WV, USA.]

Sorrell, J. T., McNeil, D. W., Vowles, K. E., Broadman, L. M., Hursey, K. G., Huber, S. J., Vaglienti, R. M., & Kennedy, S. G. (2000, March). *Effects of fear and pressure stimulation intensity on pain responding in chronic pain patients.* Poster presented at the West Virginia Psychological Association Spring Event & Poster Session, Davis, WV, USA. Received first place poster award.

McNeil, D. W., Sorrell, J. T., & Vowles, K. E. (1999, September). *Interdisciplinary study of anxiety, stress, and pain.* Poster presented at the Research Horizons in the 21<sup>st</sup> Century Workshop of the Eberly College of Arts and Sciences, West Virginia University, Morgantown, WV, USA.

### Research Grants

#### Active

2017-2022 National Institute of Diabetes and Digestive and Kidney Diseases, R01DK114085, Technology-Assisted Stepped Collaborative Care Intervention (TASCCI) to improve patient-centered outcomes in hemodialysis patients, \$2,546,290, M. Jhamb (PI), Role: Co-I.

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- 2017-2022 Department of Health, Targeting Chronic Pain in Primary Care Settings Using Internal Behavioral Health Consultants, \$2,412,333, D. D. McGeary & J Goodie (MPI's), Role: Co-I.
- 2017-2018 Life Sciences Discovery Fund, State of Washington, Acceptance and Commitment Therapy for Chronic Pain: A Telehealth Application Feasibility Study. \$15,959. K. E. Vowles (PI).
- 2014-2017 National Center for Complementary and Integrative Health, R34AT008398, Pilot study of integrated treatment for Veterans with chronic pain & opiate misuse, \$654,270, K. E. Vowles (PI).

*Pending*

- Feb 2018 National Institute on Drug Abuse, Comprehensive pain rehabilitation for chronic pain patients treated with opioids, \$2,024,610, K. E. Vowles (PI).
- Dec 2017 Department of Veteran's Affairs, Merit Review Award: Deployment Health Research (OEF/OIF)/RX-18-005. The impact of modifiable psychosocial factors on Veterans' long-term trajectories of functioning and quality of life: Promoting recovery by targeting mindfulness and psychological flexibility (Project SERVE). Role: Co-Investigator, E. Meyer (PI).
- Oct 2017 National Center for Complementary and Integrative Health, Development and validation of an acceptance-based web intervention for Veterans with chronic pain (R34), Role: Consultant; S. Holliday (PI).

*Completed*

- 2015-2017 Pfizer Independent Grants for Learning and Change, PainTracker Self-Manager: A web-based platform to promote chronic pain self-management and track treatment outcomes, \$696,977, M. D. Sullivan (PI), Role: Consultant.
- 2014-2016 National Center for Complementary and Integrative Health, R21AT007939, Preliminary test of an integrative intervention to alleviate chronic pain and improve quality of life in couples, \$404,951, A. Cano (PI), Role: Consultant.
- 2013-2014 Center for Health Policy, Robert Wood Johnson Foundation, Opioid dependence in chronic pain: Prevalence and impact on quality of life, \$18,956. K. E. Vowles (PI).
- 2013-2014 Grice Foundation, Department of Psychology, University of New Mexico Assessing the treatment needs in caregivers of adolescents with chronic pain, \$3,000. K. E. Vowles (PI).
- 2007-2011 Engineering and Physical Sciences Research Council (UK), Smart Rehabilitation:

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- Personalised Therapy System for the self-management of chronic conditions, £2,910,000, G. Mountain (PI), Role: Senior Research Fellow.
- 2008 Reckitt Benkiser Pharmaceuticals, Everyday pain and analgesic use: An epidemiological survey in eight European countries, £20,000; C. Eccleston (PI), Role: Co-Investigator.
- 2007-2009 Bath Institute for Rheumatic Diseases, Long-term outcomes following interdisciplinary rehabilitation for chronic pain: A comparison of patients who completed treatment with patients accepted for treatment who did not attend, £5,000, K. E. Vowles (PI)
- Not Funded*
- 2016 National Center for Advancing Translational Sciences, Rural health research support network – the Pain and Adverse Childhood Events (PACE) Trial, U01, R. L. Rhyne (PI), Role: Co-Investigator.
- 2013 Migraine Research Foundation, Acceptance and Commitment Therapy (ACT) for women with migraine headaches and histories of childhood maltreatment, D. A. Graeber (PI), Role: Co-Investigator
- 2013 National Institute of General Medical Science. Treatment for chronic pain and opiate misuse: Mechanisms of brain-behavior change.

### **Clinical Service Funding**

- 2017-2019 Department of Neurosurgery, University of New Mexico Hospital System, Secured seed funding of \$300,000 for two year trial period to establish an interdisciplinary chronic pain rehabilitation service. Role: Service Co-Director; Clinical Psychologist.
- 2009- NHS North Staffordshire, Secured funding of £250,000 yearly to establish an interdisciplinary chronic pain rehabilitation service. Funding initially secured for 2009-2012 period; funding was secured indefinitely in 2011 and increased to £330,000 yearly. Role: Consultant Clinical Psychologist (2009-2012; Honorary 2012-present)

### **Teaching Experiences**

University of New Mexico, Department of Psychology (2012-present)

Seminar on Depression and Anxiety (Undergraduate)

Health Psychology (Undergraduate)

Applied Behavior Analysis (Graduate)



Advanced Health Psychology (Graduate)

Health Psychology Interventions (Graduate)

Other experiences

Instructor

*Seminar: Psychological Treatment of Physical Health Conditions* (Graduate)  
Keele/Staffordshire University Clinical Psychology Doctorate Programme  
Spring 2011-Spring 2012

Guest Lecturer

*Behaviour Analysis in Clinical Psychology* (Undergraduate/Graduate)  
Keele University, Department of Psychology  
Autumn, 2010-Autumn 2011

Teaching Assistant

*Adult Behavior Therapy* (Graduate) Course  
West Virginia University  
Autumn 2003

Teaching Assistant

*Behavioral and Psychological Assessment II*, (Graduate)  
West Virginia University  
Spring 2002

Instructor

*Health Psychology* (Undergraduate)  
West Virginia University  
Autumn 2001

Instructor

*Introduction to Psychology* (Undergraduate)  
West Virginia University  
Autumn 2000 & Spring 2001

Teaching Assistant

Introduction to Clinical Psychology (Graduate)  
West Virginia University  
Autumn 2000

**Honors, M.A., Ph.D. and D.Clin.Psy. Committees**

Undergraduate Honor's Theses

Chair

Colbie May (2018)

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Huynh Nguyen (2016)

Master's Theses

*United States of America (University of New Mexico)*

Chair

Karlyn Edwards (2018)

Robert Bailey (2015)

Mindy McEntee (2014)

Committee Member

Victoria Votaw (in progress; Chair: Katie Witkiewitz)

Eric Kruger (2017; Chair: Jacob Vigil)

Graham Ford (2015; Chair: Bruce Smith)

Corey Roos (2015; Chair: Katie Witkiewitz)

Elizabeth Stein (2014; Chair: Bruce Smith)

Daniel Barto (2014; Chair: Derek Hamilton)

Elizabeth McCallion (2013; Chair: Bruce Smith)

*Australia*

Margaret Vandermost (2017, External Examiner, Charles Stuart University; Chair: Karl Wiener)

*Republic of Ireland*

Aileen Leech (2015, External Examiner, Maynooth University; Chair: Dermot Barnes-Holmes)

*United Kingdom*

Katherine Hadlandsmyth (2008, Committee Member, University of Bath; Chair: Christopher Eccleston)

Comprehensive Doctoral Examinations (all at the University of New Mexico)

Chair

C. Graham Ford (in progress)

Eric Kruger (2018)

Melissa Pielech (2016)

Robert Bailey (2016)

Mindy McEntee (2016)

Committee Member

Nicole Kubinec (in progress; Chair: Sarah Erickson)

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Breannan Howell	(2017; Chair: Derek Hamilton)
Corey Roos	(2016; Chair: Katie Witkiewitz)
Elizabeth Stein	(2015; Chair: Bruce Smith)
Elizabeth McCallion	(2015; Chair: Katie Witkiewitz)
Laurie Steffen	(2014; Chair: Bruce Smith)

### Doctoral Dissertations

#### *United States of America (University of New Mexico)*

##### Chair

Eric Kruger	(in progress)
Melissa Pielech	(in progress)
Mindy McEntee	(2018)
Robert Bailey	(2017)
Laurie Steffen	(2016)

##### Committee Member

Corey Roos	(2017; Chair: Katie Witkiewitz)
Elizabeth McLaughlin	(2017; Chair: Jane Ellen Smith)
Elizabeth McCallion	(2016; Chair: Katie Witkiewitz)
Daniel Fischer	(2015; Chair: Teresa Moyers)

#### *Australia*

JoAnne M. Sheedy	(2017, External Examiner, Monash University; Chair: Louise McLean)
Abby Tabor	(2015, External Examiner, University of South Australia; Chair: Lorimer Mosley)

#### *United Kingdom*

Gemma Mansell	(2016, Committee Member; Keele University; Chair: Danielle van der Windt)
Nuno Ferreira	(2011, External Examiner, University of Edinburgh; Chair: David Gillanders)
Natalie Southall	(2011; Committee Member, Staffordshire University; non-chaired)
Grania Fenton	(2010, External Examiner, University of Leeds; Chair: Stephen Morley)

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### Past Hospital Appointments & Clinical Experiences

*Consultant Clinical Psychologist, The Haywood Hospital, Interdisciplinary Musculoskeletal Pain Assessment and Community Treatment Service, Stoke-on-Trent, United Kingdom (2009-2012; Honorary/Adjunct status from 2012-present).*

*Clinical Psychologist, Royal National Hospital for Rheumatic Diseases, Centre for Pain Services and Chronic Fatigue Service. Bath, United Kingdom (2005-2008; Honorary/Adjunct status from 2008-2012).*

*Post-doctoral Fellow, University of Virginia Health System, Department of Anesthesiology, Division of Pain Management, Charlottesville, VA (2004-2005). Supervisors: Dania C. Chastain, Ph.D.; Andrew C. Cook, Ph.D.*

*Pre-doctoral psychology Intern, Greater Hartford Clinical Psychology Consortium (APA Accredited), VA Connecticut Healthcare System, Newington, CT; University of Connecticut Health Center, Farmington, CT; New Britain General Hospital, New Britain, CT (2003-2004). Supervisors: Larry Gaupp, Ph.D., ABPP; Mark Litt, Ph.D., Steven Moore, Ph.D.*

*Study Therapist, University of Connecticut Health Center, Department of Psychiatry, Farmington, CT (2003-2004). NIH grant-funded study concerning the treatment of Temporomandibular Joint Disorder. Supervisor: Mark Litt, Ph.D.*

*Practicum Student, Chestnut Ridge Hospital, Robert C. Byrd Health Sciences Center, West Virginia University Health Sciences Center, Morgantown, WV (2002-2003). Outpatient mental health clinic. Supervisor: Amy Combs-Lane, Ph.D.*

*Graduate Student Therapist, Anxiety and Pain Clinical Team, Quin Curtis Center for Psychological Service, Training, and Research, Department of Psychology, West Virginia University; Morgantown, WV (2002-2003). Supervisor: Daniel W. McNeil, Ph.D.*

*Practicum Student, Oasis Occupational Rehabilitation and Pain Management, Morgantown, WV (2001-2002). Interdisciplinary functional restoration program for individuals with chronic pain. Supervisors: Richard T. Gross, Ph.D., Jeannie A. Sperry, Ph.D.*

*Practicum Student, Diabetes Education Group, Department of Family Medicine, Robert C. Byrd Health Sciences Center, West Virginia University, Morgantown, WV (2000-2001). Supervisors: Scott S. Meit, Psy.D., ABPP, Jeannie A. Sperry, Ph.D.*

*Graduate Student Therapist, Behavioral Medicine Clinical Team, Quin Curtis Center for Psychological Service, Training, and Research, Department of Psychology, West Virginia University, Morgantown, WV (2000-2001). Supervisor: Jeannie A. Sperry, Ph.D.*

*Graduate Student Therapist, Department of Family Medicine, Robert C. Byrd Health Sciences Center, West Virginia University, Morgantown, WV (2000). Supervisor: Scott S. Meit, Psy.D., ABPP.*

*Graduate Student Therapist, Anxiety and Pain Clinical Team, Quin Curtis Center for Psychological Service, Training, and Research, Department of Psychology, West Virginia University Morgantown, WV (1999-2001). Supervisor: Daniel W. McNeil, Ph.D.*

*Mental Health Worker, Behavioral Health Inpatient Unit, Boulder Community Hospital, Boulder, CO (1998-1999).*

*Biofeedback Technician / Relaxation Instructor, Department of Anesthesiology and Pain Management, University of Colorado Health Sciences Center, Denver, CO (1998 – 1999).*

*Mental Health Worker, Chinook Clubhouse, Mental Health Center of Boulder County, Boulder, CO (1997-1999).*

*Volunteer, Mental Health Center of Boulder County, Boulder, CO (1997-1999).*

### **Past Academic Appointments and Research Experiences**

*Senior Research Fellow, Arthritis Research Campaign National Primary Care Centre, Primary Care Sciences, Keele University (July 2009 – July 2012).*

*Senior Research Fellow, Centre for Pain Research, School for Health, University of Bath, Bath, United Kingdom (2008-2009; Honorary/Adjunct status 2009-present).*

*Honorary Lecturer, Centre for Pain Research, School for Health, University of Bath, Bath, United Kingdom (2005-2008).*

*Research Associate, University of Virginia, Department of Anesthesiology, Division of Pain Management, Charlottesville, VA (2004-2005). Supervisors: Andrew C. Cook, Ph.D. & Dania C. Chastain, Ph.D.*

*Visiting Fellow, Royal National Hospital for Rheumatic Diseases and University of Bath, Bath, United Kingdom (May – June 2003). Supervisors: Lance M. McCracken, Ph.D. & Christopher Eccleston, Ph.D.*

*Research Associate, Chestnut Ridge Hospital, Robert C. Byrd Health Sciences Center, Morgantown, WV (2002-2003). Supervisor: Amy Combs-Lane, Ph.D.*

*Research Associate, Oasis Occupational Rehabilitation and Pain Management, Morgantown, WV (2001-2004). Supervisors: Richard T. Gross, Ph.D. & Jeannie A. Sperry, Ph.D.*

*Research Associate, Department of Family Medicine, Robert C. Byrd Health Sciences Center, West Virginia University, Morgantown, WV (2000-2003). Supervisors: Scott Meit, Ph.D., ABPP & Van Yasek, Ph.D.*

*Research Associate, Behavioral Medicine Laboratory, Department of Psychology, West Virginia*

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University, Morgantown, WV (2000-2002). Supervisor: Kevin T. Larkin, Ph.D.

*Research Associate, Anxiety, Psychophysiology, and Pain Research Laboratory*, Department of Psychology, West Virginia University, Morgantown, WV. (1999-2005). Supervisor: Daniel W. McNeil, Ph.D.

*Research Assistant, Department of Anesthesiology and Pain Management*, University of Colorado Health Sciences Center, Denver, CO (1997-1999). Supervisors: Brent Van Dorsten, Ph.D. & J. Kenneth Arnette, Ph.D.

## Service

### *Committees and Panels*

*Area Head, Health Psychology, Department of Psychology, University of New Mexico* (August 2015 - present).

*Member, Procedures and Planning Committee, Department of Psychology, University of New Mexico* (August 2015 – present).

*Voting member, Main Campus Institutional Animal Care and Use Committee, University of New Mexico* (July 2015 - present).

*Applied Behavioral Analysis and Philosophy Reading Group, Department of Psychology, Weekly reading group concerning a shared interest in applied behavior analysis* (January 2013 – December 2014; May 2016 – December 2016; May 2017 - present).

*Departmental Institutional Review Board, Department of Psychology, University of New Mexico* (August 2012 – Summer 2016; Autumn 2017 - present).

*Chair, Student-Faculty Communication Committee, Department of Psychology, University of New Mexico* (August 2014 – present).

*Small Grants Review Committee, American Pain Society* (June 2014 – present).

*Committee on Curriculum and Student Progress, BA/MD Combined Degree Program, College of Arts & Sciences/School of Medicine, University of New Mexico* (August 2012 – present).

*Member, Early Career Award Evaluation Committee, Association for Contextual Behavioral Science* (2018).

*Member, Salary Committee (Yearly faculty evaluation), Department of Psychology, University of New Mexico* (2017-2018).

*Chair, Clinical Area “Discipline Specific Knowledge” Subcommittee, Department of Psychology, University of New Mexico* (Spring 2018 semester).

*Member*, Clinical Training Clinic Subcommittee, Department of Psychology, University of New Mexico (January 2017 – May 2017).

*Invited member*, State of the Art Conference XII: Non-pharmacological Approaches to Chronic Musculoskeletal Pain Management. Veterans Administration Health Services Research and Development (Washington, DC; November 2016).

*Chair*, *Promotion and Tenure Committee*, College of Arts and Sciences, University of New Mexico (2015-2016 Academic year).

*Scientific Committee*, Association for Contextual Behavioral Science (July 2012 – January 2016).

*Search Committee*, Assistant Professor (Quantitative area), Department of Psychology, University of New Mexico (Autumn 2015).

*Search Committee*, Staff Psychologist, Department of Pediatrics, Carrie Tingly Inpatient Rehabilitation Unit, University of New Mexico Hospitals (Autumn 2015).

*Search Committee*, Lecturer II/III, Department of Psychology, University of New Mexico (Spring 2015).

*Promotion and Tenure Committee*, College of Arts and Sciences, University of New Mexico (2014-2015 Academic year).

*Mentor*, Early Career Forum, American Pain Society (May 2014).

*Committee on Teaching*, Department of Psychology, University of New Mexico (August 2013 – July 2014).

*Secretary/Treasurer*, United Kingdom Special Interest Group, Association for Contextual Behavioral Science (May 2010 – August 2012).

*Co-Chair*, Psychosocial Research Special Interest Group, American Pain Society (May 2009 – May 2012).

*Pain Management Programmes Special Interest Group*, Clinical Psychology Representative, British Pain Society (2005 – 2009; 4 year term).

*Invited Committee Member*, Essence of Care – Benchmarks for Pain Management Workgroup, Department of Health (United Kingdom) (September 2008).

*Guidelines for Psychological Interventions for Chronic Pain*, British Society of Rheumatology (2007).

*Scientific Committee*, The Second World Conference on ACT, RFT, and Contextual

Behavioural Science, London, UK (2006).

*Student Member*, Full Faculty Committee, Department of Psychology, West Virginia University, Morgantown, WV (2002-2003 Academic Year).

*Student Member*, Faculty Evaluation and Tenure Committee, Department of Psychology, West Virginia University, Morgantown, WV (2001-2002 Academic Year).

*Student Member*, Adult Clinical Training Committee, Department of Psychology, West Virginia University, Morgantown, WV (2000-2001 Academic Year).

*Graduate Student Liaison* to West Virginia University, Association for the Advancement of Behavior Therapy (2000-2001 Academic Year).

*Graduate Assistant* to the Director of Clinical Training, Department of Psychology, West Virginia University, Morgantown, WV (1999-2000 Academic Year).

#### *Reviewing Activities*

#### Editorships

*Associate Editor*, British Journal of Health Psychology 2018-

*Guest Editor*, Current Opinion in Psychology,  
Special issue: Third wave behavior therapies April 2015

#### Editorial Board Memberships:

European Journal of Pain 2008-

Journal of Contextual Behavioral Science 2012-

Pain Medicine 2009-

#### Ad Hoc Reviewer:

Acta Anaesthesiologica Scandinavica 2016-

Annals of Behavioral Medicine 2005-

Archives of Physical Medicine and Rehabilitation 2010-

Assessment 2013-

Behaviour Research and Therapy 2005-

Behavior Therapy 2014-

BMC Musculoskeletal Disorders 2009-

British Journal of Health Psychology 2008-

Clinical Journal of Pain 2007-

Clinical Psychology and Psychotherapy 2009-

Clinical Psychology Review 2011-

Clinical Psychology: Science and Practice 2011-

The Cochrane Collaboration -



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Pain, Palliative and Supportive Care Group	2008-
Cognitive and Behavioral Practice	2010-
Cognitive Therapy and Research	2010-
Drug and Alcohol Abuse	2015-
European Journal of Pain	2005-2007; ed. board 2008-
Health Psychology	2011-
Health & Psychology	2012-
Journal of Behavior Analysis of Health, Sports, Fitness, and Medicine	2006-
Journal of Behavioral Medicine	2009-
Journal of Clinical Psychology	2009-
Journal of Clinical Psychology in Medical Settings	2008-
Journal of Contemporary Psychotherapy	2015-
Journal of Consulting and Clinical Psychology	2012-
Journal of Medical Internet Research	2010-
Journal of Pain	2007-
Journal of Psychosomatic Research	2006-
Mindfulness	2012-
Pain	2006-
Pain Management	2011-
Pain Medicine	2006-2008; ed. board 2009-
Pain Reports	2018-
Pediatric Pain Letters	2009-
Physical Therapy	2005-

Conference Abstract Reviewing:

Society of Behavioral Medicine, Pain Area	2016, 2017
American Psychological Association, Div 12	2012, 2015, 2016
Association for Contextual Behavioral Science	2015

Grant Reviewer (*ad hoc reviewer for all*):

*Substance Abuse and Mental Health Services Administration*

Behavior Interventions for Prevention, Opioid Use Disorders or Adjunct to Medication Assisted Treatment ZAT 1 YW	2017
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*National Institutes of Health (US):*

NIDA, Multi-Site Studies for System-Level Implementation of Substance Use Prevention and Treatment Services, ZDA1 JXB-N	2018
NCCIH, Behavior Interventions for Prevention of Opioid Use Disorder or Adjunct to Medication Assisted Treatment-SAMHSA Opioid STR Grants	2017
NCCIH, Exploratory Clinical Trials of Mind and Body Interventions, ZAT1 AJT	2017
NIDA, Interventions to Prevent & Treat Addictions Study Section	2017

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NCCIH, Loan Repayment Program, ZAT1 HS-27	2016
NIDDK, U54 Urology Research Center Applications, ZDK1 GRB-3	2015

*Other Institutions:*

American Pain Society Small Grants Committee	2014-present
Engineering and Physical Sciences Research Council UK	2017
Research Foundation - Flanders (Belgium)	2012, 2017
Arthritis Research United Kingdom	2011-2012, 2015-2016
Israel Science Foundation	2015
National Institute for Health Research UK	2009-2010, 2014
Tenovus Cancer Charity	2014
Physiotherapy Research Foundation UK	2013
Multiple Sclerosis Society	2009, 2012
British Academy	2011
Dunhill Medical Trust	2010
Ontario Mental Health Foundation	2010
Health Research Board of Ireland	2009
Marchionne Foundation	2009

Book Proposal Reviewer:

American Psychological Association	2014
Wiley-Blackwell, Social Sciences and Humanity Section	2012; 2014

**Media Input/Community Reports**

Interviewed for *Central Time* (2018, May), National Public Radio (Wisconsin). "Managing chronic pain through acceptance." (<https://www.wpr.org/managing-chronic-pain-through-acceptance>).

Interviewed for *The Outline* (2018, April). "Is chronic pain something more people should accept?" (<https://theoutline.com/post/4044/is-chronic-pain-something-more-people-should-accept?>).

Interviewed for *Vox* (2017, June). "The opioid crisis changed how doctors think about pain." (<https://www.vox.com/2017/6/5/15111936/opioid-crisis-pain-west-virginia>).

Research reported in *Physician's Weekly: Pain Edition* (2016, January). "Opioid misuse, abuse, and addiction" Volume II, issue 1. (<http://www.physiciansweekly.com/opioid-misuse-abuse-addiction/>).

Research reported in *US News and World Report* (2015, April). "One-quarter of narcotic painkillers misused, study shows". (<http://health.usnews.com/health-news/articles/2015/04/01/one-quarter-of-narcotic-painkillers-misused-study-shows>).

Research reported in *Forbes* (2015, April). "Opioid misuse in chronic pain patients is around 25%, new study shows." (<http://www.forbes.com/sites/cjarlotta/2015/04/01/opioid->

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*misuse-in-chronic-pain-patients-is-around-25-new-study-shows/*).

Research reported in *Science Daily* (2015, March). "Rate of opioid misuse is around 25 percent, addiction rate 10 percent, reports study." (<http://www.sciencedaily.com/releases/2015/03/150330141354.htm>).

Press release from Wolters Kluwer (2015, March). "Rate of opioid misuse is around 25 percent, addiction rate 10 percent, reports study in PAIN."  
(<http://www.wolterskluwer.com/Press/Latest-News/Pages/Press%20Releases/2015/pr30Mar2015c.aspx>)

Research reported via press release from the American Psychological Association (2014, February). "Chronic pain relief more likely when psychological science involved."  
(<http://www.apa.org/news/press/releases/2014/02/pain-relief-science.aspx>).

Interviewed on *Rheumatology Network* (2014, August). "Breaking bad behavior patterns of chronic pain." <http://www.rheumatologynetwork.com/rheumatologic-pain/breaking-bad-behavior-patterns-chronic-pain>

Interviewed on radio talkshow "ACT: Talking Hurt to Hope" (May 2013) on the subject of parenting a child with chronic pain.  
(<http://webtalkradio.net/internet-talk-radio/2013/05/06/act-taking-hurt-to-hope-050613/>)

Featured in member spotlight, American Pain Society (November 2010):  
([www.ampainsoc.org/membership/spotlight/vowles.htm](http://www.ampainsoc.org/membership/spotlight/vowles.htm))

Consulted on content of the NHS Choices website (2009):  
*Pain and your emotions* ([www.nhs.uk/Livewell/Pain/Pages/Emotionaldistress.aspx](http://www.nhs.uk/Livewell/Pain/Pages/Emotionaldistress.aspx))  
*Chronic Pain* ([www.nhs.uk/Livewell/Pain/Pages/Chronicpain.aspx](http://www.nhs.uk/Livewell/Pain/Pages/Chronicpain.aspx))

PhD Research covered in *Pain Medicine News* (Feb 2006):  
[http://painmedicineneeds.com/ViewArticle.aspx?d\\_id=82&a\\_id=4329](http://painmedicineneeds.com/ViewArticle.aspx?d_id=82&a_id=4329)

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