

*Karen A. Lawrence, PhD, CSW*

University of Kentucky  
College of Social Work  
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**PROFESSIONAL EXPERIENCE**

2016 - present            **University of Kentucky, College of Social Work, Lexington, KY**  
Assistant Professor

**EDUCATION**

2014 – 2016    **NIMH Post-Doctoral Fellowship, Washington University, George Warren Brown School of Social Work, St. Louis, MO (NRSA MHI9960)**  
Research Area: Program/Outcome Evaluation, Mental Health in Military Veterans  
Education Area: Implementation Science, Evidence-Based Trauma Treatments

2012 – 2014    **M.S.W., Washington University, George Warren Brown School of Social Work, St. Louis, MO**  
Concentration: Mental Health

2005 - 2012    **Ph.D. (Biomedical Science- Neurosciences), Washington University, School of Medicine, St. Louis, MO**  
Dissertation: *The Cis-Regulatory Architecture of Mammalian Photoreceptors*

2002 - 2004    **M.N.S. (Biology) Southeast Missouri State University, Cape Girardeau, MO**  
Graduated with 4.0 GPA  
Emphasis: Animal Behavior/Evolution, Complementary Area: Psychology & Statistics  
Thesis: *Evolution of Visual Systems in Percid Fishes (Teleostei: Percidae): An Integration of Molecules and Morphology*

1998 - 2002    **B.S., Southeast Missouri State University, Cape Girardeau, MO**  
Graduated with Honors and Distinction  
Major: Biology (Emphasis: Cell and Molecular)  
Minor: Chemistry

**RESEARCH EXPERIENCE**

7/2014 – 7/2015    **Center for Violence and Injury Prevention (CVIP), Centers for Disease Control (CDC)**  
Receptivity to and Use of Evidence-Based Practices in Rape Crisis Centers. (1R49CE001510-01, PI: M. Jonson-Reid, PI: T. Edmond)  
Role: Postdoctoral Trainee Research Collaborator

7/2013 – 9/2014    **Department of Veterans Affairs (VA), Quality Enhancement Research Initiative (QUERI) Locally Initiated Project (LIP)**  
“Barriers and Facilitators to Care Coordination of Mental Health Services for Pregnant Female Veterans Referred to Fee Based Community Care for Obstetrics and Maternity Care” (PI: M.M. Matthieu)  
Role: Quantitative Analyst

- 3/2014 – 6/2014      **Saint Louis University School of Social Work**  
 “The Impact of The Mission Continues Fellowship Program” (PI: M.M. Matthieu)  
 Role: Research Consultant
- 7/2012 – 12/2013      **Department of Defense (DoD), Defense Medical Research & Development Program (DMRDP)**  
 “Family as a Total Package (FAMPAC): Restoring and Enhancing Psychological Health for Citizen Soldiers and Families” (DM090050; PI: R.K. Price)  
 Role: Professional Rater
- 1/2006 – 7/2012      **Washington University School of Medicine, St. Louis, MO**  
 “The *Cis*-Regulatory Architecture of Mammalian Photoreceptors” (PI: J.C. Corbo)  
 Role: Doctoral Student Researcher
- 9/2004 – 7/2005      **Washington University School of Medicine, Department of Anatomy & Neurobiology, Saint Louis, MO**  
 “Genetic variation in ion channels and human behavior” (PI: L.B. Salkoff)  
 Role: Research Technician II
- 9/2004 – 7/2005      **Southeast Missouri State University, Department of Biology, Cape Girardeau, MO**  
 “Opsin Evolution and Color communication in Percid Fishes” (PI: R.M. Strange)  
 Role: Master’s Student Researcher

## GRANTS, AWARDS, AND SCHOLARSHIPS

### Funded Grants

- 7/2014-  
6/2016      **Institutional National Research Service Award T32- MHI9960 (National Institute of Mental Health)**  
 Role: Postdoctoral Researcher, Awarded to Washington University (PI: Enola Proctor) for stipend support, and travel totaling \$46,344 for FY 2015 and \$49,152 for FY 2016
- 2015-  
2017      **National Institutes of Health (NIH) Clinical Loan Repayment Program**  
 Role: Principal Investigator (PI) for loan repayment totaling \$35,000/yr
- 3/2014-  
6/2014      **The Mission Continues 501(c)(3)**  
 “The Impact of The Mission Continues Fellowship Program”  
 Role: Research Consultant, Awarded Salary totaling \$5600 for completion of deliverables
  - Goal of the Study: Secondary data analysis on the impact of The Mission Continues fellowship program on the mental and psychosocial health of participants.
- 2006 – 2009      **Institutional National Research Service Award 5-T32-EY13360 (National Eye Institute)**  
 Role: Doctoral Researcher, Awarded to Washington University School of Medicine (PI: David Beebe) for stipend support, travel, and equipment funds totaling \$29,503/yr

- Goal of Studies: Elucidate the role of rod and cone photoreceptor transcription factors in retinæ of mouse *Mus musculus* and chicken *Gallus gallus*.

Submitted Grants

06/2017

United We Grow: Examination of the Feasibility and Psychosocial Impact of Implementing a Novel Agricultural Training and Immersion Program for Kentucky Veterans

Submitted to: University of Kentucky Igniting Research Collaboration (IRC) Letter of Intent (\$24,209.02 over six months)

Role: Co-Investigator (PI: R.L. Hirsch)

Unfunded Grants

02/2017

Examining the Continuum of Suicide Exposure in Military Populations

Submitted to: Military Suicide Research Consortium

Letter of Intent (\$1,200,000 over three years)

Role: Co-Investigator (PI: J. Cerel; not invited for full grant submission)

02/2014

Barriers and Facilitators to Care Coordination of Mental Health Services for Pregnant Female Veterans Referred to Fee Based Community Care for Obstetrics and Maternity Care

Submitted to: Veterans Administration LIP 55-040

Role: Co-Investigator (PI: M. Matthieu; not invited for full grant submission)

Awards and Scholarships

2017

Wethington Award for Recognition of Research & Scholarly Productivity \$1000  
University of Kentucky, College of Social Work

2012 – 2014

George Warren Brown School of Social Work Scholarship \$25,000  
Washington University

2009

Fine Science and Merlie Travel Award \$800  
Washington University School of Medicine

2002

Empirical Research Award \$500  
Southeast Missouri State University

2001

Funding for Results Award \$500  
Southeast Missouri State University

2001

Empirical Research Poster Award \$500  
Southeast Missouri State University

**RECENT/CURRENT RESEARCH PROJECTS**

7/2016-present

**University of Kentucky, College of Social Work**

“Biopsychosocial Impact of Completion of a Formal Civic Service Program on Subgroups of Post-9/11 Veterans including Women Veterans and Veterans with a History of Traumatic Brain Injury”

Role: Primary Investigator

- Pre-post cohort study of Iraq and Afghanistan veterans participating in The Mission Continues Fellowship Program (N=346).
- Study objectives: The goal of this project is to assess biopsychosocial

outcomes participant subgroups including gender differences and participants with and without a traumatic brain injury in the first study to assess the impact of a formal civic service program on war veterans. The assessments will consist of nine measures across three domains including psychological, physical, and social health. In other related studies, perceived family and community impacts will be investigated.

7/2014-  
2016

**Washington University, George Warren Brown School of Social Work**

“Mental Health Impact of Completion of a Formal Civic Service Program on Iraq and Afghanistan War Veterans”

Role: Co-Investigator (PI: M.M. Matthieu).

- Pre-post cohort study of Iraq and Afghanistan veterans participating in The Mission Continues Fellowship Program (N=346).
- Study objectives: The goal of this project is to assess health, mental health and psychosocial outcomes of post-9/11 veterans who completed a formal civic service program. The assessments will consist of nine measures across three domains including psychological, physical, and social health.

7/2014-  
2016

**Washington University, George Warren Brown School of Social Work**

“Perceptions and Utilization of Evidence-Based Psychotherapeutic Interventions Implemented in Rape Crisis Centers in Texas”

Role: Collaborator on EMDR Outcomes Study (PI: T. Edmond)

- Multisite study of providers and staff at N=10 rape crisis centers. Study guided by the Consolidated Framework for Implementation Research (CFIR).
- Study objectives: The goal of this project is to study the delivery and implementation of evidence-based psychotherapeutic interventions to treat assault/rape survivors in rape crisis centers in Texas.

7/2014-  
11/2014

**Washington University, George Warren Brown School of Social Work**

“Eye Movement Desensitization and Reprocessing: An overview of the treatment and its effectiveness.”

Role: Expert Reviewer and Writer

- Literature review and analysis of the current state of clinical treatment and research base of Eye Movement Desensitization and Reprocessing Therapy.

## RESEARCH PUBLICATIONS

### Peer Reviewed Publications in Preparation

**Lawrence, KA** and Matthieu MM. Gender differences in the impact of a civic service program on biopsychosocial outcomes of post-9/11 U.S. military veterans.

**Lawrence, KA** and Matthieu MM. Perceptions of community impact of civic service among post-9/11 veteran volunteers.

Larsen, S., \*Bellmore, A., \*Gobin, R., \*Holens, P., \***Lawrence, K.A.**, & Pacella, M. A Systematic Review of Residual Symptoms Following Completion of Empirically Supported Trauma-Focused Psychotherapeutic Treatment. \***Equal contribution as co-second authors.**

### Peer Reviewed Publications under Review

**Lawrence, KA** and Matthieu MM. Perceived family impact of volunteering among reintegrating post-9/11 veterans.

### Peer Reviewed Publications

**Lawrence, KA** and Matthieu MM. (*In Press*). Completion of a veteran-focused civic service program improves psychosocial outcomes in post-9/11 veterans with a history of traumatic brain injury. *Military Medicine*.

Matthieu, M.M., **Lawrence, K.A.**, Gould, O., and Scheinberg, A. (*In Press*). Veterans volunteering: An emerging practice and satisfaction with a civic service program for returning U.S. Veterans from Iraq and Afghanistan. *Best Practices in Mental Health*.

Matthieu M.M. & **Lawrence, K.A.**, & Robertson-Blackmore E. (2017). The impact of a civic service program on biopsychosocial outcomes of post 9/11 U.S. military veterans. *Psychiatry Research*, 248, 111–116.

Edmond, T., **Lawrence, KA.**, and Voth Schrag, R. (2016). Perceptions and use of EMDR therapy in rape crisis centers. *Journal of EMDR Practice and Research*.

Enright, JM, **Lawrence, KA**, Hadzic, T, Corbo, JC. (2015). Transcriptome profiling of developing photoreceptor subtypes reveals candidate genes involved in avian photoreceptor diversification. *Journal of Comparative Neurology*, 523(4), 649-668.

Montana CL, **Lawrence KA**, Williams NL, Tran NM, Peng GH, Chen S, Corbo JC. (2011). Transcriptional regulation of neural retina leucine zipper (Nrl), a photoreceptor cell fate determinant. *Journal of Biological Chemistry*. Oct 21;286(42):36921-31.

Corbo JC\*, **Lawrence KA\***, Karlstetter M, Myers CA, Abdelaziz M, Dirkes W, Weigelt K, Seifert M, Benes V, Fritsche LG, Weber BH, Langmann T. (2010). CRX ChIP-seq reveals the cis-regulatory architecture of mouse photoreceptors. *Genome Research*. Nov 20(11):1512-25. **\*Equal contribution as co-first authors.**

Corbo JC, Myers CA, **Lawrence KA**, Jadhav AP, Cepko CL. (2007). A typology of photoreceptor gene expression patterns in the mouse. *Proceedings of the National Academy of Sciences, USA*. Jul 17;104(29):12069-74.

### Book Chapters

Edmond, T. and **Lawrence, K.** (2015). Eye Movement Desensitization and Reprocessing: An overview of the treatment and its effectiveness. *Encyclopedia of Social Work*. Oxford University Press, USA.

### Dissertations and Theses

**Lawrence KA.** (2012). The *cis*-regulatory architecture of mammalian photoreceptors. Washington University Medical School, Doctor of Philosophy Dissertation.

**Lawrence KA.** (2004). Evolution of Visual Systems in Percid Fishes (Teleostei: Percidae): An Integration of Molecules and Morphology. Southeast Missouri State University, Master of Natural Science Thesis.

**Lawrence KA.** (2002). Evolution of Retinal Structure in Percid Fishes: A Test of the Sensory Bias Hypothesis. Southeast Missouri State University, Undergraduate Honors Thesis.

## PRESENTATIONS

### Accepted Symposium Oral Presentations

Bellmore, A., Gobin, R., Larsen, S. E., Holens, P., **Lawrence, K.**, & Pacella, M. (2017, November). A systematic review of residual symptoms after empirically supported trauma-focused psychological treatment. In S. Larsen (Chair) *The aftermath of PTSD treatment: Characteristics associated with either residual symptoms or long-term improvement*. Symposium presented at the International Society for Traumatic Stress Studies Thirty-third Annual Meeting in Chicago, IL.

### Accepted Peer Reviewed Paper Presentations

**Lawrence, K.A.** and Matthieu, M.M. (2014, October). Mental Health Impact of Traumatic Brain Injury on OIF/OEF War Veterans Who Completed a Formal Civic Service Program. Paper presented at Academy on Violence and Abuse, University of Utah, Salt Lake City, UT.

**Lawrence, K.A.** and Strange, R.M. (2004, June). Opsin evolution and color communication in percid fishes (Teleostei:Percidae). Evolution, Colorado State University, Fort Collins, CO.

**Lawrence, K.A.** and Strange, R.M. (2002, October). Color vision in percid fishes: a role for sensory bias? 118th Annual Meeting of the Indiana Academy of Science, Butler University, Indianapolis, IN.

**Lawrence, K.A.** and Strange, R.M. (2002, July). Evolution of color vision in percid fishes. Evolution, University of Urbana-Champaign, Urbana-Champaign, IL.

**Lawrence, K.A.** and Strange, R.M. (2002, April). Evolution of color vision in percids. Tenth Annual Student Research Conference, Southeast Missouri State University, Cape Girardeau, MO.

**Lawrence, K.A.** and Strange, R.M. (2001, November). Color vision in percid fishes as inferred from retinal structure. 117th Annual Meeting of the Indiana Academy of Science, Indiana University-Purdue University, Fort Wayne, IN.

Strange, R.M. and **Lawrence, K.A.** (2000, November). Allometric neuroanatomy among percids: correlation with adaptive trends. 116th Annual Meeting of the Indiana Academy of Science, Indiana University East, Richmond, IN.

### Accepted Peer Reviewed Poster Presentations

**Lawrence, KA** and Matthieu MM. (2017, November). Person-Level Characteristics and Differential Impacts on Male and Female OIF/OEF War Veterans Who Completed a Formal Civic Service Program. International Society for Traumatic Stress Studies 33<sup>rd</sup> Annual Meeting, Chicago, IL.

**Lawrence, KA** and Matthieu MM. (2016, November). Perceived family benefits of volunteering among reintegrating post-9/11 veterans. International Society for Traumatic Stress Studies (ISTSS) 32<sup>nd</sup> Annual Meeting, Dallas, TX.

**Lawrence, KA** and Matthieu MM. (2016, September). Perceived family benefits of volunteering among reintegrating post-9/11 veterans. Fourth Annual Military Social Work Conference, Austin, TX.

**Lawrence, K.A.** and Matthieu, M.M. (2014, December). Psychosocial Impact of Traumatic Brain Injury on Veterans Who Completed a Formal Civic Service Program. AMSUS: The Society of Federal Health Agencies, Uniformed Services Social Workers, Washington D.C.

**Lawrence, K.A.** and Matthieu, M.M. (2014, November). Mental Health Impact of Completion of a Formal Civic Service Program on Iraq and Afghanistan War Veterans with Traumatic Brain Injury. The Stanford Science of Compassion Conference, San Francisco, CA.

**Lawrence, K.A.** and Matthieu, M.M. (2014, November). Mental Health Impact of Traumatic Brain Injury on OIF/OEF War Veterans Who Completed a Formal Civic Service Program. International Society for Traumatic Stress Studies 30<sup>th</sup> Annual Meeting, Miami, FL.

**Lawrence, K.A.** and Matthieu, M.M. (2014, October). Mental Health Impact of Completion of a Formal Civic Service Program on OIF/OEF War Veterans with Traumatic Brain Injury. Institute of Public Health Annual Conference, Washington University, Saint Louis, MO.

**Lawrence, K.A.** and Corbo, J.C. (2009, May). The Nrl mutant retina as an assay system for cone-specific promoter activity. The Association for Research in Vision and Ophthalmology (ARVO). Fort Lauderdale, FL.

**Lawrence, K.A.** and Salkoff, L.B. (2005, October). Genetic variation in ion channels and human behavior. World Congress on Psychiatric Genetics XIII, Boston, MA.

**Lawrence, K.A.** and Strange, R.M. (2002, July). Color vision in percid fishes. American Society of Ichthyologists and Herpetologists, Kansas City, MO.

**Lawrence, K.A.** and Strange, R.M. (2001, April). Comparative neuroanatomy and reproductive strategies among percids. Ninth Annual Southeast Missouri State University Student Research Conference, Cape Girardeau, MO.

Strange, R.M. and **Lawrence, K.A.** (2001, April). Comparative neuroanatomy and reproductive strategies among percids. Association of Southeastern Biologists, Tulane University, New Orleans, LA.

**Lawrence, K.A.** and Strange, R.M. (2001, January). Allometric neuroanatomy among percids: correlation with adaptive trends? Joint Meeting of the Society for Integrative and Comparative Biology, Animal Behavior Society, American Microscopical Society, International Society for Invertebrate Reproduction and Development, Physiological Ecology Section of the Ecological Society of America, and the Crustacean Society, Chicago, IL.

#### Invited Presentations

**Lawrence, K.A.** and Matthieu, M.M. (2014, September). Mental Health Impact of Traumatic Brain Injury on OIF/OEF War Veterans Who Completed a Formal Civic Service Program. Paper presented at Suicide Prevention Day: A Day of Learning and Empowerment. Sponsored by Provident Behavioral Health, Saint Louis, MO.

#### **TEACHING & LECTURING EXPERIENCE**

##### Instructor

<b>Term</b>	<b>Course #</b>	<b>Course Title</b>	<b>#Students in Course</b>	<b>Evaluation (# Students)</b>
Fa. 2016	SW722	Psychopathology I**	17	4.82 (17)
Sp. 2017	SW722	Psychopathology I	25	

Sp. 2017	SW738	Guided Independent Work with Military and Veteran Populations**	2	
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Note: All courses are 3 graduate credit hours with the evaluation scaled from 0 (very poor) to 5 (excellent) unless noted. \*Class preparation. \*\*Class preparation for hybrid/online course.

Dissertations & Student Projects

- 2017 - present      Doctoral Dissertation Committee Member, Amy Brown, University of Kentucky, College of Social Work
- 2017 - present      Doctoral Dissertation Committee Member, Elizabeth Nelson, University of Kentucky, College of Social Work
- 2017 - present      Doctoral Dissertation Committee Member, Monica Himes, University of Kentucky, College of Social Work

Teaching Assistant Experience

- 1/2016 – 5/2016      **Veterans' Services (Master of Social Work Course)**  
Saint Louis University, School of Social Work, St. Louis, MO  
Role: Postdoctoral Teaching Assistant
- 1/2007 – 5/2007      **Behavioral Ecology (Undergraduate Biology Course)**  
Washington University, Dept. of Biology, St. Louis, MO  
Role: Graduate Teaching Assistant

Guest Lectures

- Lawrence, K.A.** (Mar. 2014). *An Introduction to the Neurobiology of Trauma*. Trauma: Etiology, Assessment, and Treatment graduate course, Saint Louis University, Saint Louis University School of Social Work, St. Louis, MO.
- Lawrence, K.A.** (Oct. 2013). *How to Choose the Appropriate Statistical Test*. Program Evaluation graduate course, Washington University, George Warren Brown School of Social Work, St. Louis, MO.
- Lawrence, K.A.** (May 2007). *Evolution of Retinal Structure in Percid Fishes: A Test of the Sensory Bias Hypothesis*. Behavioral Ecology undergraduate course, Washington University, Dept. of Biology, St. Louis, MO.

**COMMITTEE ASSIGNMENTS**

College Committees

- 05/2017 – present      University of Kentucky, College of Social Work  
Chair, Research and Faculty Development Committee
- 10/2016 – 04/2017      University of Kentucky, College of Social Work  
Co-Chair, Research and Faculty Development Committee
- 10/2016 – present      University of Kentucky, College of Social Work  
Member, Diversity Committee



## CLINICAL EXPERIENCE

8/2013 – 5/2014      **Family Care Health Centers, Behavioral Health, St. Louis, MO**  
Concentration Practicum

- Provide weekly, individual psychotherapy to diverse populations, including underserved and non-English speaking populations. Interventions commonly used include Motivational Interviewing, Mindfulness-Based Cognitive Behavioral Therapy, and Eye Movement Desensitization & Reprocessing Therapy
- Provide Behavioral Health Consultations consisting of brief, focused interventions with patients visiting primary care physicians in integrated medical and behavioral health clinical setting.
- Lead group health educational class presenting on interpersonal communication and mindfulness meditation
- Collaborate with external psychotherapists regarding collaborative care of mutual clients, including assessment and complementary collaborative treatment approaches

1/2013 – 7/2013      **Queen of Peace Center (Substance Abuse Recovery), St. Louis, MO**  
Foundation/Generalist Practicum

- Provide group psychoeducation including Seeking Safety (for co-occurring posttraumatic stress and substance use disorders) and trauma-informed yoga classes to residential and outpatient clients
- Provide biweekly psychotherapy in inpatient substance abuse recovery setting using Motivational Interviewing, Genograms, and Cognitive Behavioral Therapy
- Provide community support to outpatient clients

## LICENSES, CERTIFICATIONS, AND TRAININGS

### Licenses

2016 – present      Certified Social Worker, State of Kentucky (#7677)  
2015 - 2016      Licensed Master Social Worker, State of Missouri (#2015020166)

### Certifications

2013      Eye-Movement Desensitization & Reprocessing Therapy (EMDR)-Trained  
(#2741)

### Trainings Attended

2017      Creating Balance for Sustainable Leadership  
2017      Social Work Ethics  
2017      Understanding Pediatric Abusive Head Trauma  
2016      Unconscious Bias  
2013      QPR Suicide Prevention Training  
2013      Interpersonal Psychotherapy  
2013      Trauma-Focused Cognitive Behavioral Therapy  
2013      Eye-Movement Desensitization and Reprocessing Therapy

## CONFERENCES ATTENDED AS A LEARNER

Traumatic Stress New Mechanisms and Effective Treatment (2016 March), Missouri Institute of Mental Health, St. Louis, MO

## SERVICE TO THE ACADEMY, COMMUNITY, & PROFESSION

### Recent Academic Service

2017 - present ARMY Master of Social Work Admissions Application Reviewer, University of Kentucky, College of Social Work

2017 - present Master of Social Work Admissions Application Reviewer, University of Kentucky, College of Social Work

02/2017 Invited Panel Member, "Pathways to the Academy: Making Choices and Transitions," invited by: Washington University, George Warren Brown School of Social Work representing University of Kentucky College of Social Work

2014 - 2015 Developed "Organizational Assessment" and "Barriers & Facilitators Assessment" toolkits for the Washington University Dissemination & Implementation Research Core

2014 - 2105 Grant and Abstract Reviewer for Washington University Network for Dissemination and Implementation Research

Peer Reviewer of Manuscripts for Publication

2017-present Journal of General Internal Medicine

Grant Reviewer

2014-2016 EMDR International Association (EMDRIA) Foundation Research Grant Awards

Organizations

2016-present Member, AMSUS The Society of Federal Health Professionals  
 2015-present Member, International Society for Traumatic Stress Studies  
 2015-2016 Member, National Association of Social Workers  
 2015-2016 Member, Washington University Institute of Clinical & Translational Sciences  
 2014-2015 Member, Academy on Violence and Abuse  
 2013-2016 Member, Saint Louis EMDR Regional Network

Community Service

2015-2016 St. Louis Regional Trauma Recovery Network, Crisis Mental Health Volunteer  
 2016 Globe-Med Conference, Washington University in St. Louis