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EDUCATION

2001 – 2006	B.A.	Psychology, Natural Sciences Concentration University of Louisville, Louisville, KY
2006 – 2008	M.S.	Experimental Psychology, Biobehavioral Oncology Concentration University of Louisville, Louisville, KY
2008 – 2012	Ph.D.	Clinical Psychology, Health Psychology Concentration University of Louisville, Louisville, KY (APA accredited program)

ACADEMIC APPOINTMENTS

2011 – 2012	Intern. Department of Public Health & Health Professions, University of Florida; UF&Shands Hospital, Gainesville, FL (APA accredited)
2012 – 2013	Postdoctoral Fellow. Department of Surgery, University of Louisville School of Medicine, Louisville, KY
2013 – Current	Adjunct Assistant Professor. Department of Psychological and Brain Sciences, University of Louisville, Louisville, KY
2013 – Current	Adjunct Assistant Professor. Department of Family & Geriatric Medicine, University of Louisville School of Medicine, Louisville, KY
2014 – Current	Assistant Professor. Department of Otolaryngology-Head & Neck Surgery and Communicative Disorders, University of Louisville School of Medicine, Louisville, KY
2015 – Current	Director of Research. Department of Otolaryngology-Head & Neck Surgery & Communicative Disorders, University of Louisville School of Medicine, Louisville, KY
2016 – Current	Director of Health Psychology Postdoctoral Fellowship. Department of Otolaryngology-Head & Neck Surgery and Communicative Disorders, University of Louisville School of Medicine, Louisville, KY

OTHER POSITIONS

2013 – Current	Clinical Medical/Health Psychologist. University of Louisville Physicians: Otolaryngology-HNS & Communicative Disorders
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CERTIFICATION AND LICENSURE

2014 – Current	Licensed Psychologist (KY 1759)
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PROFESSIONAL MEMBERSHIPS AND ACTIVITIES

2004 – 2006	Member, Psi Chi National Psychology Honor Society 2005 – 2006 Treasurer, Local Chapter
2004 – Current	Member, Kentucky Psychological Association (KPA; Member) 2014 – 2015 Chair, Early Career Psychologists Committee
2004 – Current	Member, American Psychological Association, Division 38 – Health Psychology
2008 – Current	Member, American Psychosomatic Society (APS) 2010, 13 Annual Meeting Abstract Reviewer

2014 – Current	Member , Association of American Medical Colleges Group on Women in Medicine and Science; Louisville Chapter (L-WIMS) 2014 – Current Louisville Chapter Programming Subcommittee Leader
2014 – Current	Scientific Fellow , American Academy of Otolaryngology-Head and Neck Surgery and Women in Otolaryngology Section
2013 – Current	Member , Association of Psychologists in Academic Health Centers 2017 Chair , National Conference Sponsorship Subcommittee 2015 Member , National Conference Planning Committee 2015 Member , National Conference Poster Subcommittee 2015 – Current Member , Research Committee

HONORS AND AWARDS

2005	Vice President for Research Undergraduate Research Scholar Grant ; award to support senior undergraduate honor's thesis
2006	Amber M. Heuerman Research Fund ; award for academic conference travel
2008	Society for Behavioral Medicine Citation Award , award for poster at Annual Meeting
2008	Outstanding Student Abstract Award , Society for Behavioral Medicine Cancer Special Interest Group; award to facilitate travel, poster and oral presentation to the Cancer Special Interest Group Committee Meeting during Annual Meeting and Scientific Sessions
2010	Dr. M. Celeste Nichols Award ; award from the UofL Women's Center in conjunction with the President's Commission on Diversity and Racial Equality, the SGA Torchbearer Endowment, and the UofL Cultural Center, for academic conference travel
2011	American Psychosomatic Society Young Scholar Award ; awarded for oral presentation at Annual Meeting, from American Psychosomatic Society and NIH, given to top 12 students at annual meeting, with special recognition at opening sessions
2012	Graduate Dean's Citation ; awarded upon graduation to students who demonstrate significant accomplishments (e.g., publications, teaching excellence, and professional service) beyond the achievement of a high GPA during their graduate school career

COMMITTEE ASSIGNMENTS AND ADMINISTRATIVE SERVICES

UNIVERSITY ACTIVITIES

2008	Peer mentor to first-year UofL Experimental Psychology PhD student
2013 – Current	Member , Division of Otolaryngology-HNS Program Evaluation Committee
2015 – Current	Co-Director , Distinction in Research Track, University of Louisville School of Medicine
2016 – Current	Chair , Research Committee, Dept of Otolaryngology-HNS & Communicative Disorders

NON-UNIVERSITY ACTIVITIES

2013	Reviewer , The Icelandic Research Fund, Division for Science and Innovation Grants
2012, 13	Judge , Research!Louisville Poster Session
2009	Judge , Louisville Regional Science Fair Presentation, High School Life Sciences Division

JOURNAL PEER REVIEWS

AD HOC REVIEWER

2010	Psychology & Health
2012	Psychoneuroendocrinology
2014	Journal of Health Psychology
2015	Annals of Behavioral Medicine
2015 – Current	Journal of Clinical Psychology in Medical Settings
2015 – Current	Journal of Psychosocial Oncology

EDUCATIONAL ACTIVITIES*RESEARCH TEACHING*MEDICAL STUDENTS

2012 – 2015	Andrew Vaughn, volunteer
2013	Elizabeth Self, Distinction in Research (DIR 2)
2013	John Gettelfinger, Research – Surgery Problems (SURG 911)
2013	B. Ryan Nesemeier, Research – Surgery Problems (SURG 911)
2013 – 2014	Johanna Yun, Brown Scholar
2013 – 2016	Luke Sturgill, volunteer
2014	John Gettelfinger, Distinction in Research (DIR 2)
2015	Adam Seibert, Summer Research Scholar Program
2014 – Current	Andrea Gentile, volunteer
2015 – Current	Sarah Khayat, volunteer
2015 – Current	Mia Jusufbegovic, volunteer
2016 – Current	Dhruv Sharma, volunteer
2016	Riley Duck, Summer Research Scholar Program
2016 – Current	Smriti Kumar, Distinction in Research (DIR 1 & 2)

RESIDENTS

2014 – Current	Director , Otolaryngology-HNS Resident Research Program, Department of Otolaryngology-HNS & Communicative Disorders, University of Louisville School of Medicine, Louisville, KY
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As part of Service to Research assignment, coordinate and advise on resident-led research activities in otolaryngology. Built program infrastructure, including resident research manual and secure website for data and resource storage. Advise on project design and feasibility, hypothesis generation, analytic planning, handled IRB and administrative activities, provided statistical analysis, and supported conference presentation and manuscript preparation. Provided annual Research Mini-Course designed to offer an overview of the scientific method, from origination of idea of publication of data. Taught practical strategies to inform residents as they conduct research, strategies for hypothesis generation, data collection, evaluation of statistical methods, as well as guidelines for authorship and etiquette.

2015	Faculty Facilitator , Residents and Scholarly Activity Workshop, Graduate Medical Education Office, University of Louisville School of Medicine, Louisville, KY
Facilitated day-long course designed for 1st and 2nd year residents to provide a common understanding of the research process across medical specialties. Facilitated discussions with residents as they explored at least two potential ideas for scholarly projects and refined ideas in terms of hypothesis and study design, with activities about the basic components of research design and implementation.	

THESIS COMMITTEES

2014 – Current	PhD	Whitney Rebholz	Department of Psychological & Brain Sciences
2015 – Current	PhD	René Bayley-Veloso	Department of Psychological & Brain Sciences
2015 – 2016	BA Honors	Moriah Horn	Department of Psychological & Brain Sciences

UNDERGRADUATES

2013 – 2014	Erin Bumpous, Psychology Internship (PSYCH 444; PSYC 445), Bellarmine University, Louisville, KY
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CLINICAL TEACHING**GRADUATE STUDENTS**

2013 – Current **Director**, Health Psychology Practicum for Clinical Psychology, University of Louisville School of Medicine, Louisville, KY

Instructed predoctoral Ph.D. (University of Louisville Department of Psychological & Brain Sciences) and Psy.D. (Spalding University School of Professional Psychology) students in the psychological evaluation and treatment of oncology patients in both the outpatient and hospital setting. Supervised students as they learn to conduct health and behavior, and anxiety and depression screening assessments with recently diagnosed head and neck cancer patients. Trained students in brief behavioral health intervention, including pain management, sleep hygiene, behavioral activation, psychoeducation regarding disease treatment, and relaxation techniques. Oversaw students administration of neuropsychological evaluations for memory and cognition in older adults, cognitive evaluations for children and adolescents with suspected central auditory processing disorder, and clinical interviews with patients and family members. Students learned to operate within an interdisciplinary team of medical oncology, surgery, radiation oncology, speech pathology, nutrition, and social work professionals, attended treatment planning and morbidity/mortality conferences, and gained experience training junior psychology graduate students.

Dates	Supervisee	Description of Training
<i>Spalding University Psy.D. Students</i>		
1/2014 – 12/2014	C. Street Russell	Behavioral oncology
9/2014 – 8/2015	Laura Turkowski	Medical/health psychology, neuropsychology
12/2014 – 11/2015	Jenn Cook	Medical/health psychology, neuropsychology
1/2015 – 12/2015	Lizzy Fleagle	Behavioral oncology, inpatient consultation/liaison
8/2015 – Current	Emily Stano	Behavioral oncology, inpatient consultation/liaison
1/2016 – Current	Morgan Springer	Medical/health psychology, neuropsychology
1/2016 – Current	Hannah Kersting	Medical/health psychology, neuropsychology
<i>University of Louisville Ph.D. Students</i>		
1/2014 – 5/2014	Jamie Shouse	Neuropsychology
5/2013 – 5/2014	Whitney Rebholz	Medical/health psychology, neuropsychology
8/2015 – 5/2016	René Bayley-Veloso	Medical/health psychology, neuropsychology
8/2015 – Current	Stephanie McDonough	Medical/health psychology, inpatient consultation/liaison
11/2015 – Current	Ashlee Warnecke	Neuropsychology

GRAND ROUNDS

2011	Case Presentation: Cognitive-Behavioral Therapy for Insomnia and Hypnotic Withdrawal , UF&Shands Sleep Disorders Center Invited Rounds for Sleep Fellows, Gainesville, FL
2013	Research Basics: Study Design and Interpretation , Department of Surgery, Division of Otolaryngology-HNS, University of Louisville School of Medicine, Louisville, KY
2014	Health Psychology in Medical Settings , Department of Psychological & Brain Sciences Colloquium Series, University of Louisville, Louisville, KY
2014	Research Design and Interpretation , Department of Surgery, Division of Otolaryngology-HNS, University of Louisville School of Medicine, Louisville, KY
2016	New Terminology for Dementia , Department of Family & Geriatric Medicine, University of Louisville School of Medicine, Louisville, KY

INVITED LECTURES TO GRADUATE STUDENTS

2014	Hypothalamus/Autonomic Nervous System , Behavioral Neuroscience (PSYC 642) University of Louisville, Louisville, KY
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- 2015 **Neuropsychology & Aging**, Gerontologic Audiology (AUDI 642), University of Louisville School of Medicine, Louisville, KY
- 2015 **Research Basics for Speech-Language Pathology**, Half-Day Seminar for Division of Speech-Language Pathology, University of Louisville School of Medicine, Louisville, KY
- 2015 **Developmental Neuropsychology: Constructs & Measures**, Assessment and Management of Auditory Processing Disorder (AUDI 654), University of Louisville School of Medicine, Louisville, KY
- 2016 **Head & Neck Cancer**, Medical Audiology (AUDI 646), University of Louisville School of Medicine, Louisville, KY

UNDERGRADUATE COURSE TEACHING

- 2007 – 2009 **Graduate Teaching Assistant**, Physiological Psychology (PSYC 344), Department of Psychological and Brain Sciences, University of Louisville, Louisville, KY
- 2008 **Graduate Teaching Assistant**, Principles of Neuroscience (PSYC 643), Department of Psychological and Brain Sciences, University of Louisville, Louisville, KY
- 2009 **Graduate Teaching Assistant**, Abnormal Psychology (PSYC 385), Department of Psychological and Brain Sciences, University of Louisville, Louisville, KY

INVITED LECTURES TO UNDERGRADUATES

- 11/2013, 2/2014 **Psychosocial Effects in Cancer**, Health Psychology (PSYC 404), Bellarmine University, Louisville, KY

COMMUNITY OUTREACH

- 2007 **Service Learning Program Participant**, UofL International Service Learning Program. Traveled to Belize to work with government officials to facilitate disaster preparedness, and with a clinical psychologist to develop a mental health treatment database
- 2009 – 2011 **Representative** for Community Health Fairs, UofL Psychological Services Center
- 2009 **Presenter**, Stress and Coping in Breast Cancer, Invited Presentation at Kentucky Cancer Program Breast Cancer Weekend Retreat for Breast Cancer Survivors, Louisville, KY
- 2015 **Affiliate**, Gilda's Club Mindfulness Program (Director: Paul Salmon, PhD)
- 2015 **Psychiatry/Psychology Site Mentor**, Trinity High School Job Shadow Program, Louisville, KY. Program to allow students day-long shadow opportunity with a professional working in field of interest.
- 2015 **Panel Member**, Discussion of Women in Medicine in Science, JCPS Teenage Pregnancy Program, South Park High School, Fairdale, KY

CLINICAL ACTIVITIES

- 2013 – Current **Clinical Medical/Health Psychologist**. University of Louisville Physicians Otolaryngology & Communicative Disorders
- Conducted brief, evidence-based behavioral interventions with a variety of medical patients, including those with difficulty adjusting to head and neck cancer; patients with voice concerns; patients suffering from insomnia or sleep problems. Administered psychometric and neuropsychological assessment batteries to determine candidacy for cochlear implantation, as well as cognitive function.
- 2014 – Current **Clinic Chief and Director**. Head & Neck Cancer / Health Psychology Clinical Training Program, University of Louisville School of Medicine and Brown Cancer Center, Louisville, KY

Supervised clinical training initiatives of Clinical Psychology graduate students focusing in Health Psychology and Psycho-Oncology specialties. Attended weekly Multidisciplinary Head & Neck Cancer clinic and conference, supervised and conducted health & behavior assessments with patients.

CLINICAL TRAINING

2008 – 2011 **Clinical Psychology Assessment and Therapy Practicum Student.** Noble H. Kelley
Psychological Services Center, University of Louisville, Louisville, KY
Supervisors: Janet Woodruff-Borden, Ph.D.; Paul Salmon, Ph.D.; Bernadette Walter, Ph.D.; David Winsch, Ph.D.

Applied Cognitive-Behavior Therapy and Mindfulness-Based Behavioral Therapy approaches in psychotherapy; case management, consultation, and conceptualization. Administered standardized psychodiagnostic, personality, intellectual and achievement assessment batteries in an outpatient clinic. Served as graduate clinic assistant: conducted diagnostic assessments for children and adults; supervised students in assessment and therapy; case management and consultation; managed front desk operations and patient triage.

2009 – 2010 **Clinical Psychology Practicum Student.** Central State Hospital, Louisville, KY
Supervisor: Rebecca Asher, Psy.D.

Completed an 1800-hour clinical practicum conducting inpatient psychotherapy for severe mental illness patients, structured suicide risk assessments; administered psychodiagnostic, intellectual, personality and neuropsychological assessments; led group therapy sessions; supervised students; served as part of the multidisciplinary care team; prepared documentation for legal proceedings.

2011 – 2012 **Clinical Psychology Intern.** University of Florida College of Public Health and Health Professions, Department of Clinical and Health Psychology; UF&Shands Hospital, Gainesville, FL (APA accredited)
Training Director: Lori Waxenberg, Ph.D.

Completed an 1800-hour predoctoral internship training year. Served as Chief Intern.

Medical/Health Psychology: Diagnostic interview/assessment for psycho-oncology, pain, sleep, women's reproductive health; bone marrow/solid organ transplant recipients and donors; inpatient consultation/liaison services for spinal cord injury, cardiology, organ transplant, and adult psychiatry.

Neuropsychology: Diagnostic interview/assessment for memory loss, dementia, and traumatic brain injury.

Behavioral Pediatrics: Diagnostic interview/assessment for attention-deficit, anxiety, and other disorders.

General Outpatient: Diagnostic interviews; psychotherapy for adult, adolescent, and pediatric patients.

2012 – 2013 **Postdoctoral Fellow.** University of Louisville, Department of Surgery, Louisville, KY
Supervisors: Eric Russ, Ph.D.; Sarah Honaker, Ph.D.

Completed an 1800-hour postdoctoral training year serving in the UofL Head & Neck Cancer Multidisciplinary clinic at the Brown Cancer Center, and in UofL Pediatric integrated primary care clinics, as part of the clinical team. Conducted diagnostic and clinical interviews, psychological testing, behavior modification, psychoeducation to residents, patients and parents, supervised student research and clinical work, and consulted with the integrated healthcare team in multidisciplinary conferences.

RESEARCH EXPERIENCE

2012 – 2014 **Research Coordinator.** Division of Otolaryngology-Head & Neck Surgery, University of Louisville School of Medicine, Louisville, KY.
Directed by: Jeffrey Bumpous, MD; Julie Goldman, MD

Coordinated research projects for faculty and residents, including: grant preparation and post-award management; design and maintenance of a secure research website; study design and hypothesis generation; statistical analysis; IRB compliance. Served on the Program Committee for Resident Research.

2015 – Current **Director of Research.** Department of Otolaryngology-HNS & Communicative Disorders, University of Louisville School of Medicine, Louisville, KY.

Coordinated and advised on resident- and faculty-led research activities in otolaryngology-head and neck surgery, audiology, and speech/language pathology. Developed and guide departmental research initiatives, assisted faculty and residents with funding acquisition, project design and feasibility, hypothesis generation, analytic planning, IRB and administrative activities, statistical analysis, presentation and manuscript preparation.

2006 – 2011 **Project Director.** BioBehavioral Research Laboratory Cancer Research Program, Department of Psychological & Brain Sciences University of Louisville, Louisville, KY.
Directed by: Sandra E. Sephton, Ph.D.

Served as Consultant to PI and Project Director on multiple projects. Consulted on study design, participant recruitment, and data collection for multiple biobehavioral studies in cancer recruiting in cancer clinics. Assisted with interpretation of results and manuscript preparation. Coordinated collaborative projects with the multidisciplinary breast cancer team; developed study hypotheses; coordinated in-clinic patient recruitment and consent; processed and analyzed study data (salivary cortisol, rest/activity rhythm recordings; systemic immune markers); managed study databases and performed statistical analyses on this and multiple other biobehavioral cancer studies.

2007 – 2010 **Project Manager.** Psychological and Physiological Stress in Individuals Impacted by Disaster, Department of Psychological & Brain Sciences Univ. of Louisville, Louisville, KY.
Directed by: Inka Weissbecker, Ph.D.

Coordinated efforts for a study measuring psychometric data and salivary cortisol levels in individuals who were evacuated to Qualcomm Stadium in San Diego, California during October 2007 wildfires. Conducted interviews, recruitment and follow-up; salivary cortisol sample preparation, preservation, laboratory analysis (cortisol assay) and data reduction; data analysis and management; preparation of presentations and publications; IRB compliance.

BENCH/LABORATORY EXPERIENCE

Endocrine: Experience preparing and running EIA and LIA assay techniques for salivary cortisol. Experience collecting, preparing and preserving human saliva samples, and preparing and preserving human serum samples for assay.

Immune: Experience preparing and running EIA assay techniques for vascular endothelial growth factor (VEGF). Experience preparing under sterile technique and preserving human whole blood samples for stimulated cytokine analysis. Experience preparing cytokine stimulation media. Experience preparing cancerous and noncancerous breast nipple aspirate fluid samples for cytokine assay.

RESEARCH CONSULTATION EXPERIENCE

2012	Consultee:	Deidre Pereira, PhD; Stephanie Smith, MS
	Institution:	University of Florida College of Public Health and Health Professions, Dept of Clinical and Health Psychology
	Description:	Provided consultation on methods for cleaning and analyzing salivary cortisol for a study of psychology, endocrinology, and immunology among newly diagnosed gynecologic cancer patients.
2014	Consultee:	Sarah Honaker, PhD
	Institution:	Indiana University & Riley Children's Hospital
	Description:	Conduct statistical analysis, and consult on interpretation and manuscript preparation for a study of urine cotinine secretion in children exposed to second-hand smoke.

2015	Consultee:	Lori Wilks Wagner, MD
	Institution:	University of Louisville School of Medicine
	Description:	Consulted on development of psychometric evaluation and editing for survey answer choices, question wording, layout and structure, to facilitate elicitation of program evaluation responses from participants.

GRANTS AND CONTRACTS

GRANT AWARDS – PENDING

1.	Title of Project:	University of Louisville Cancer Education Program (R25-CA134283-06)
	Effective Dates:	9/1/2016 – 8/31/2021
	Role:	Key Personnel/Faculty Mentor (Multi-Principal Investigator: David Hein, PhD and La Creis Kidd, PhD)
	Agency:	NCI
	Total Costs:	\$1,620,000

GRANT AWARDS – CURRENT

1.	Title of Project:	Understanding the Prognostic Significance of Circadian Disruption in Lung Cancer, and Piloting an Intervention (OGMB140436)
	Effective Dates:	6/1/2014 – 5/30/2015
	Role:	Co-Investigator (Principal Investigator: Sandra Sephton, PhD)
	Agency:	Kentucky Lung Cancer Research Program
	Total Costs:	\$136,364
	Effort:	10%
2.	Title of Project:	Otolaryngology-HNS Research Initiatives
	Effective Dates:	October 2013, Ongoing
	Role:	Program Director (Principal Recipient: Jeffrey Bumpous, MD)
	Agency:	UofL Health Sciences Development Grateful Patient Initiatives
	Total Costs:	\$30,000 (estimated) distributed over long-term; \$15,000 awarded as of 3/1/2015

GRANT AWARDS – PAST

1.	Title of Project:	Distress and Circadian Disruption in Head and Neck Cancer
	Effective Dates:	7/1/2014 – 12/31/2015
	Role:	Principal Investigator
	Agency:	UofL Intramural Research Incentive Grant: Multidisciplinary Research Grant
	Total Costs:	\$10,000
2.	Title of Project:	A Meditation-based Intervention to Reduce Distress in Lung Cancer Patients
	Effective Dates:	7/1/2013 – 6/30/2014
	Role:	Co-Investigator (Principal Investigator: Sandra Sephton, PhD)
	Agency:	UofL Intramural Research Incentive Grant: Research Initiation Grant
	Total Costs:	\$4,500
3.	Title of Project:	Effects of Stress and Circadian Disruption on Immune Function in Newly Diagnosed Women with Breast Cancer
	Effective Dates:	7/1/2008 – 7/1/2009
	Role:	Co-Investigator (Principal Investigator: Firdaus Dhabhar, Ph.D.)

Agency:	Stanford Cancer Center, Developmental Cancer Research Award in Translational Science
Amount:	\$49,958

CONTRACTS – PAST

1.	Title of Project:	Prehospital Air Medical Plasma (PAMPer) Phase III Multicenter, Prospective, Randomized, Open-label, Interventional Trial
	Effective Dates:	6/11/2012 – 6/10/2016
	Role:	Collaborating Site Research Study Manager (10% effort), 5/17/2013 – 8/31/2013 (Principal Investigator: Jason Sperry, MD, MPH; Site Principal Investigator: Brian Harbrecht, MD)
	Agency:	U. S. Army Medical Research Program (Sponsor, University of Pittsburgh) UofL Office of Industrial Contracts grant number: OICB120069
	Total Costs:	\$669,013

GRANT APPLICATIONS – NOT FUNDED

2016

1.	Title of Project:	Genetic Polymorphisms and Inflammation in Head and Neck Cancer
	Role:	Principal Investigator
	Agency:	UofL School of Medicine Basic Grant
	Total Costs:	\$25,000

2015

2.	Title of Project:	Development of an iPad Based Screener for Central Auditory Processing Disorder
	Role:	Co-Investigator (Principal Investigator: Jeffrey Weihing, PhD)
	Agency:	NIH Research Evaluation and Commercialization Hub (REACH)
	Total Costs:	\$50,000
	Effort:	5%
3.	Title of Project:	iCAP: Development of an iPad Based Screener for Central Auditory Processing Disorder
	Role:	Co-Investigator (Principal Investigator: Jeffrey Weihing, PhD)
	Agency:	American Speech-Language Hearing Foundation New Investigator Research Award
	Total Costs:	\$10,000
	Effort:	2%
4.	Title of Project:	Validation of the Metrics for a Robotics Skills Simulator
	Role:	Co-Investigator (Principal Investigator: Erica Sutton, MD)
	Agency:	Intuitive Surgical Clinical Grants Program
	Total Costs:	\$41,454
	Effort:	5%
5.	Title of Project:	Louisville Interdisciplinary Pediatric Voice Symposium
	Role:	Senior/Key Personnel (Project Director/PI: Swapna Chandran, MD)
	Agency:	NIH - National Institute on Deafness and Other Communication Disorders
	Total Costs:	\$40,000
	Priority Score:	42; Planned for resubmission
6.	Title of Project:	Psychosocial Distress and Rest/Activity Rhythm in Head and Neck Cancer
	Role:	Principal Investigator
	Agency:	American Head and Neck Society Pilot Grant

	Total Costs:	\$10,000
7.	Title of Project:	Enhancing the Prediction of Complications after Total Laryngectomy
	Role:	Co-Investigator (Principal Investigator: Jeffrey Bumpous, MD)
	Agency:	American Academy of Otolaryngology-HNS Percy Memorial Research Award
	Total Costs:	\$25,000

2014

8.	Title of Project:	Distress and Circadian Disruption in Head and Neck Cancer
	Role:	Co-Investigator (Principal Investigator: Sandra Sephton, PhD)
	Agency:	UofL Intramural Research Incentive Grant: Multidisciplinary Research Grant
	Total Costs:	\$10,000
	Score:	5 and 10; Resubmitted April 2014; Awarded
9.	Title of Project:	Psychosocial Distress and Circadian Disruption in Head and Neck Cancer
	Role:	Principal Investigator
	Agency:	American Head and Neck Society Pilot Grant
	Total Costs:	\$10,000
10.	Title of Project:	Louisville Interdisciplinary Pediatric Voice Symposium
	Role:	Senior/Key Personnel (Project Director/PI: Swapna Chandran, MD)
	Agency:	NIH – National Institute on Deafness and Other Communication Disorders
	Total Costs:	\$40,000
	Score:	47 (Payline: 37); Resubmitted April 2014

CLINICAL TRIALS

1.	Title of Project:	Open label phase II study to evaluate the efficacy of dasatinib maintenance in adult Philadelphia chromosome positive acute lymphoblastic leukemia (Ph+ ALL) following autologous hematopoietic stem cell transplantation (HCT)
	Role:	Co-Investigator (PI: William Tse, MD)
	Status:	Designing QOL hypotheses, assessment, and analysis Project in development
2.	Title of Project:	Phase II randomized trial of metformin hydrochloride for patients with squamous cell carcinoma of the head and neck
	Role:	Co-Investigator (PI: Cesar Perez, MD)
	Status:	Designing QOL hypotheses, assessment, and analysis Project in development

PRESENTATIONS**ORAL PRESENTATIONS****NATIONAL/INTERNATIONAL MEETINGS*****Denotes Invited Presentation****Denotes Mentored Student Presentation*

1. Sephton, S.E., Weissbecker, I., Floyd, A., **Lush, E.**, Salmon, P. (2007). Effects of Mindfulness Meditation on Cortisol Profiles in Fibromyalgia. Society of Behavioral Medicine Annual Meeting and Scientific Sessions, Washington, D.C.

2. Weissbecker, I., Simpson, D., **Lush, E.**, Sephton, S. (2007). Integrating Mental Health and Psychosocial Issues into Disaster Risk Reduction: The Example of Belize. Integration of Mental Health and Psychosocial Issues into Disaster Risk Reduction and the Hyogo Framework for Action. United Nations International Strategy for Disaster Risk Reduction, First Session of the Global Platform for Disaster Risk Reduction, Geneva, Switzerland.
3. Sephton, S.E.; Floyd, A.; Weissbecker, I.; **Lush, E.**; Salmon, P. (2008). Diurnal Cortisol Rhythm as a Predictor of Lung Cancer Survival. Symposium presentation at the Society of Behavioral Medicine Annual Meeting and Scientific Sessions, San Diego, CA.
 - *SBM Citation Award*
4. **Lush, E.**; Weissbecker, I.; Floyd, A.; Dedert, E.; Salmon, P.; Sephton, S.E. (2008). Biological Correlates of Social Support in Gynecologic Cancer Patients. Cancer Special Interest Group Annual Update, Society of Behavioral Medicine Annual Meeting and Scientific Sessions, San Diego, CA.
 - *Cancer Special Interest Group Outstanding Student Abstract Award*
5. Sephton, S.E., **Lush, E.**, Eismann, E.A. (2010). Circadian Biology and Cancer Progression. APS 68th Annual Scientific Conference, March 12, Portland, OR.
6. **Lush, E.**, Weissbecker, I., Eismann, E.A., Floyd, A., Dedert, E., and Sephton, S.E. (2010). Social Influences on Stress, Cortisol, Allostatic Load and VEGF in Gynecologic Cancer. APS 68th Annual Scientific Conference, March 13, Portland, OR.
7. **Lush, E.**, Dhabhar, F.S., Chagpar, A., Dedert, E., Daup, M., Dayyat, E., Spiegel, D., McMasters, K., Tillie, J.M., Sephton, S.E. (2011). Tumor-promoting Biological Factors are Associated with Circadian Disruption and Awakening Cortisol Response, but not Social Support, in Early Stage Breast Cancer. APS 69th annual scientific meeting, March 9-12, 2011, San Antonio, TX.
 - *APS Young Scholar Award*
 - *Included in Official Program Committee Press Release of Especially Newsworthy Presentations*
8. **Sephton, S.E.**; **Lush, E.**; Chagpar, A.; Spiegel, D.; Tillie, J.M.; Daup, M.; Dedert, E.; Dayyat, E.; McMasters, K.; Dhabhar, F. (2011). Circadian Disruption and Tumor Promotion in Newly-diagnosed Breast Cancer Patients. Symposium presentation at the International Society for Psychoneuroendocrinology: Circadian hormonal rhythms and cancer progression, Spiegel, D., Levi, F., Sephton, S.E.; Dhabhar, F.; August 4-6, Berlin, Germany.
9. McNulty, B.; Chandran, S.K.; **Cash, E.** (2014). Pediatric Airway Evaluation, Indications, and Clinical Findings. Triological Society Combined Sections Meeting, Jan 10-12, Miami Beach, FL.
10. Sephton, S.E., **Cash, E.**, Chagpar, A., Spiegel, D., Rebholz, W.N., Bayley, R.C., Zimmaro, L.A., and Dhabhar, F.S. (2014). Biological correlates of marital status in recently diagnosed breast cancer patients. APS 72nd Annual Scientific Meeting, San Francisco, CA.
11. Rebholz, W.N., Weissbecker, I., **Cash, E.**, Bayley, R., Zimmaro, L.A., Sephton, S.E. (2014). Distress and support: Links with circadian disruption and quality of life in gynecologic cancer. APS 72nd Annual Scientific Meeting, San Francisco, CA.
 - *APS Young Scholar Award*
12. Jacob, S.; Kalathoor, S.; **Cash, E.**; Chandran, S.K. (2014). Correlation Between Obstructive Sleep Apnea and Difficulty of Anesthesia Induction in Children Undergoing Tonsillectomy. COSM, Triological Society, Las Vegas, NV, May 14-18.
13. Dooley, L.; Self, L.; **Cash, E.**; Bumpous, J.M. (2014). The Role of Neck Dissection in Salvage Total Laryngectomy. IFHNOS 5th World Congress and AHNS Annual Meeting, NYC, July 26-30.
14. **Cash, E.**; Gettelfinger, J.; Rebholz, W.; Russ, E.; Wilson, L.; Sephton, S.E.; Bumpous, J.M. (2014). Depressive Symptoms Predict Poor Treatment Adherence and Response in Head and Neck Cancer. International Federation of Head and Neck Oncologic Societies 5th World Congress and AHNS Annual Meeting, NYC, July 26-30.
15. **Cash, E.**; Chilton, P.; Rebholz, W.; Bayley-Veloso, R.; Zimmaro, L.; Chagpar, A.B.; Spiegel, D.; Dhabhar, F.S.; Sephton, S.E. (2015). HPA and Rest/Activity Rhythms Independently Associated with Different Aspects of Inflammatory Response in Patients Awaiting Treatment for Breast Cancer. APS 73rd Annual Scientific Meeting, Savannah, GA, March 18-21.
16. **Cash, E.**; Bumpous, E.; Clements, K.; Craven, L.; Chandran, S.K. (2015). Improving Voice Patient

Compliance with Follow-Up: Identifying Deterrents. The Voice Foundation's 44th Annual Symposium, Philadelphia, PA, May 26-31. (Presented by S. Chandran)

17. Amsbaugh, M.; Yusuf, M.; **Cash, E.**; Silverman, C; Wilson, L.; Bumpous, J.M.; Potts, K.; Perez, C.; Bert, R.; Redman, R.; Dunlap, N. (2015). Distribution of Cervical Lymph Node Metastases from Squamous Cell Carcinoma of the Oropharynx in the Era of Risk Stratification using HPV and Smoking Status. American Society for Therapeutic Radiation Oncology Annual Meeting, San Antonio, TX, October 18-21.
18. ****Pace, A.**; Seibert, A.; Rebholz, W.; Wilson, L.; Bumpous, J.M.; **Cash, E.** (2016). Psychological Distress and Malnutrition Biomarkers are associated with Head and Neck Cancer Progression and Survival. American Psychosomatic Society 74th Annual Scientific Meeting, Denver, CO, March 9-12.
 - *Included in Official Program Committee Press Release of Especially Newsworthy Presentations*
19. Azbell, C.; **Cash, E.**; Gadre, A. (2016). *Endoscopic Assisted Tympanoplasty Outcomes in the Pediatric Population*. Triological Society Annual Meeting at Combined Otolaryngology Sections Meeting (COSM), Chicago, IL, May 20-21.
20. ****Khayat, S.**; **Cash, E.**; Tennant, P.; Bumpous, J.M. (2016). NSQIP Risk Calculator Reliability in Head and Neck Oncology: The Effect of Prior Chemoradiation on NSQIP Risk Estimates Following Laryngectomy. American Head and Neck Society 9th Annual International Conference, Seattle, WA, July 16-20.

LOCAL MEETINGS

****Denotes Invited Presentation**

****Denotes Mentored Student Presentation**

21. Jacob, S.; Kalathoor, S.; **Cash, E.**; Chandran, S.K. (2013). Correlation between Obstructive Sleep Apnea and Difficulty of Anesthesia Induction in Children Undergoing Tonsillectomy. Annual Kentucky Society of Otolaryngology Meeting, Lexington, Kentucky, April 20.
 - *First Place Resident Research Award*
22. ****Salmon, P.G.**, Altman, J., Bayley-Veloso, R., **Cash, E.**, Ellsworth, M., Phillips, K., Rebholz, W., Sephton, S., and Zimmaro, L. (2014). *A Day of Mindfulness*. Workshop for the University of Louisville Alumni Association, College of Arts and Sciences, November 1.
23. ****Gettelfinger, J.**; Rebholz, W.; Russ, E.; Wilson, L.; Sephton, S.E.; Bumpous, J.M.; **Cash, E.** (2014). Depressive Symptoms Predict Poor Treatment Adherence and Response in Head and Neck Cancer. Kentucky Society for Otolaryngology Annual Meeting, August 1-2.
24. ****Cash, E.** (2016). Health Psychology within Medical Specialty Practices: Clinical Pearls. Kentucky Psychological Association Annual Meeting, Louisville, KY, November 3-5.

POSTERS

NATIONAL/INTERNATIONAL MEETINGS

****Denotes Mentored Student Presentation**

1. **Lush, E.**; Salmon, P.; Floyd, A.; Weissbecker, I.; and Sephton, S. (2006). Does Meditation Alleviate Anxiety and Physiological Symptoms Related to Fibromyalgia? Association for Psychological Science 18th Annual National Conference, New York, NY.
2. **Lush, E.**; Salmon, P.; Floyd, A.; Studts, J.; Weissbecker, I.; Sephton, S.E. (2007). Mindfulness Meditation for Symptom Reduction in Fibromyalgia: Psychophysiological Correlates. Society of Behavioral Medicine Annual Meeting and Scientific Sessions, Washington D.C.
3. Martin, M.; Rhodes, P.A.; Salmon, P.G.; Olive, J.; Robinson, J.; McFall, A.; **Lush, E.**, Sephton, S.E. (2007). Hatha Yoga Reduces Pain and Increases Vitality in Adults With Elevated CVD Risk. Society of Behavioral Medicine Annual Meeting and Scientific Sessions, Washington D.C.

4. **Lush, E.**; Weissbecker, I.; Floyd, A.; Dedert, E.; Salmon, P.; Sephton, S.E. (2008). Social Relationships and Quality of Life in Gynecologic Cancer. Brain, Body, Behavior and Health Poster Session, Association for Psychological Science Annual Convention, Chicago, IL.
5. **Lush, E.**; Weissbecker, I.; Floyd, A.; Dedert, E.; Salmon, P.; Sephton, S.E. (2008). Biological Correlates of Social Support in Gynecologic Cancer Patients. Society of Behavioral Medicine Annual Meeting and Scientific Sessions, San Diego, CA.
 - *Cancer Special Interest Group Outstanding Student Abstract Award*
6. Dedert, E.; Chagpar, A.; **Lush, E.**; Martin, M.; Rhodes, P.; Sephton, S.E. (2008). Distress, Coping, and Circadian Disruption in Newly Diagnosed Breast Cancer Patients. Society of Behavioral Medicine Annual Meeting and Scientific Sessions, San Diego, CA.
7. Thornton, J.; Weissbecker, I.; Salmon, P.; **Lush, E.**; Floyd, A.; Sephton, S.E. (2008). Thought Suppression: Associations with Pain and Depression in Women with Fibromyalgia. Society of Behavioral Medicine Annual Meeting and Scientific Sessions, San Diego, CA.
8. Rhodes, P.; Salmon, P.; Weissbecker, I.; Caley, M.; **Lush, E.**; Sephton, S.E. (2008). The Effects of Mindfulness-Based Stress Reduction on Self-Efficacy in Fibromyalgia Patients. Society of Behavioral Medicine Annual Meeting and Scientific Sessions, San Diego, CA.
9. Weissbecker, I.; **Lush, E.**; Martin, M.; Simpson, D.; Sephton, S.E. (2008). Predictors of Anxiety in Evacuees during the 2007 California Wild Fires. Society of Behavioral Medicine Annual Meeting and Scientific Sessions, San Diego, CA.
10. Daup, M.; **Lush, E.**; Dedert, E.; McMasters, K.; Sephton, S.; Chagpar, A. (2010). Is Cancer Specific Distress Correlated with Time to Definitive Surgery in Breast Cancer Patients? San Antonio Breast Cancer Symposium, December, San Antonio, TX.
11. Williams, S.R.; Kertz, S.J.; Stearns, Z.R.; **Lush, E.**; Daup, M.; Sephton, S.E.; Woodruff-Borden, J. (2011). Cortisol Responsiveness and Family Environment as a Mechanism of Familial Anxiety. Association for Behavioral and Cognitive Therapies 45th annual convention, November 10-13, Toronto, Canada.
12. Gesler, W.; Dhabhar, F.S.; Chagpar, A.; Dedert, E.; **Lush, E.**; Daup, M.; Dayyat, E.; McMasters, K.; Sephton, S.E. (2011). Cancer-Specific Distress: No Association with Serum Cytokines in Pre-Surgical Breast Cancer Patients. American Psychosomatic Society 69th Annual Scientific Conference, March 9-12, San Antonio, TX.
13. Thompson, A.; Dhabhar, F.S.; Chagpar, A.; **Lush, E.**; Dedert, E.; Daup, M.; Dayyat, E.; McMasters, K.; Sephton, S.E. (2011). Psychoneuroimmune Pathways Related to Cancer-Related Fatigue. American Psychosomatic Society 69th Annual Scientific Conference, March 9-12, San Antonio, TX.
 - *Included in Official Program Committee Press Release of Especially Newsworthy Presentations.*
14. **Lush, E.**; Dedert, E.; Daup, M.; Dhabhar, F.S.; Spiegel, D.; Tillie, J.; McMasters, K.; Sephton, S.; Chagpar, A. (2011). Do Serum Cytokines Predict Breast Cancer Behavior? San Antonio Breast Cancer Symposium, December 6-10, San Antonio, TX.
15. Gesler, W.; **Lush, E.**; Dhabhar, F.; Chagpar, A.; Chapman, L.K.; Dedert, E.; Sephton, S. (2012). Psychological Distress, But Not Stress Physiology, is Associated with Quality of Life in Pre-surgical Breast Cancer Patients. American Psychosomatic Society 70th Annual Scientific Conference, March 14-17, Athens, Greece.
16. **Lush, E.**; Dedert, E.; Daup, M.; Dhabhar, F.; Chagpar, A.; Kneipp, S.; Pereira, D.B.; Sephton, S.E. (2012). Avoidant Coping and Diurnal Cortisol Slope in Women with Suspected Breast and Endometrial Cancer. American Psychosomatic Society 70th Annual Scientific Conference, March 14-17, Athens, Greece.
17. Dooley, L.M.; **Cash, E.**; Silverman, C.; Goldman, J.; Tate, A.D.; Potts, K.; Bumpous, J.M. (2013). Regional Variation in Nasopharyngeal Carcinoma. Combined Otolaryngology Sections Meeting, Triological Society, 116th Annual Meeting, Scottsdale, AZ.
18. **Cash, E.**; Sephton, S.E.; Chagpar, A.B.; Spiegel, D.; Rebholz, W.N.; Dhabhar, F.S. (2013). Circadian Disruption and Tumor Promotion/Progression Signals in Newly Diagnosed Breast Cancer Patients. American Psychosomatic Society 71st Annual Scientific Conference, March 13-16, Miami, Florida.
 - *Included in Official Program Committee Press Release of Especially Newsworthy Presentations*

19. **Cash, E.**; Self, E.; Wilson, L.; Russ, E.; Bumpous, J.M. (2013). Anxiety, Depressive Symptoms, and Quality of Life in Newly Diagnosed Head and Neck Cancer Patients. American Academy of Otolaryngology – Head and Neck Surgery 117th Annual Meeting, Sept 29-Oct 2, Vancouver, BC.
20. Smith, A.; **Cash, E.**; Myers, J.; Smith, M.; Navale, S.; Woods, C.; Chandran, S. (2013). Trends and Comparison of Children Hospitalized For Retropharyngeal and Parapharyngeal Abscesses 2003-2009. American Academy of Otolaryngology – Head and Neck Surgery 117th Annual Meeting, Sept 29-Oct 2, Vancouver, BC.
21. Smith, A.; Nesemeier, R; **Cash, E.**; Woods, C.; Chandran, S. (2013) Increased resource burden of Methicillin Resistant Staphylococcus Aureus Orbital Cellulitis in the pediatric population. American Academy of Otolaryngology – Head and Neck Surgery 117th Annual Meeting, Sept 29-Oct 2, Vancouver, BC.
22. Smith, A.; Nesemeier, R; **Cash, E.**; Woods, C.; Chandran, S. (2013) Hospitalization Trends for Orbital Cellulitis in the Pediatric Population : 2003-2009. American Academy of Otolaryngology – Head and Neck Surgery 117th Annual Meeting, Sept 29-Oct 2, Vancouver, BC.
23. Smith, A.; Rife, E.; **Cash, E.**; Peyton, N.; Woods, C.; Chandran, S. (2013) Trends in Hospitalizations for Pediatric Peritonsillar Abscess: 2003-2009. American Academy of Otolaryngology – Head and Neck Surgery 117th Annual Meeting, Sept 29-Oct 2, Vancouver, BC.
24. Katrib, Z.; **Cash, E.**; Bumpous, J.M.; Wilson, L.; Nesemeier, R. (2014). Recidivism Rates of patients with Advanced Head and Neck Squamous Cell Carcinoma Enrolled in Chemotherapy and Irradiation treatment as a Function of Geography, Anxiety and Depression, and Substance Abuse. Triological Society Combined Sections Meeting, Jan 10-12, Miami Beach, FL.
25. Dunlap, N.E.; Narayan, R.; Shaughnessy, J.; Silverman, C.; Bumpous, J.M.; Potts, K.; Redman, R.; **Cash, E.**; Wilson, L. (2014). HPV/p16 Status and Patterns of Failure for Squamous Cell Carcinoma of the Oropharynx After Definitive Chemoradiation: Establishing a Relationship to Elective Nodal Irradiation. Multidisciplinary Head and Neck Cancer Symposium, Feb 20-22, Scottsdale, AZ.
26. Barry, P.; Goodwin, N.; Henson, A.; **Cash, E.**; Wilson, L.; Dunlap, N. (2014). Factors Predicting Suitability of Organ Preservation with Radiation Therapy in Laryngeal and Hypopharyngeal Cancer. American College of Radiation Oncology Annual Meeting, Feb 27-Mar 1, Orlando, FL.
27. **Cash, E.**; Rebholz, W.; Gettelfinger, J.; Russ, E.; Wilson, L.; Bumpous, J.M.; Sephton, S.E. (2014). Depressive Symptoms Predict Poor treatment Adherence and Response in Head and Neck Cancer. American Psychosomatic Society 72nd Annual Scientific Meeting, Mar 10-14, San Francisco, CA.
28. Zimmaro, L.A., **Cash, E.**, Dedert, E., Rebholz, W.N., Bayley, R.C., Salmon, P., Sephton, S.E. (2014). Distress, coping, and support in lung cancer: Gender differences and associations with psychopathology. American Psychosomatic Society 72nd Annual Scientific Meeting, Mar 10-14, San Francisco, CA.
29. Bayley, R.C., Weissbecker, I., Rebholz, W.N., **Cash, E.**, Zimmaro, L.A., Salmon, P., Sephton, S.E. (2014). Recent traumatic events may complicate adjustment to gynecologic cancer. American Psychosomatic Society 72nd Annual Scientific Meeting, Mar 10-14, San Francisco, CA.
30. Bertke, M.H.; Shaughnessy, J.N.; Aya, S.R.; **Cash, E.**; Silverman, C.L.; Bumpous, J.M.; Potts, K.L.; Redman, R.A.; Wilson, L.D.; Dunlap, N.E. (2014). HPV Status May Alter the Significance of Extranodal Extension as a Negative Prognostic Factor in Post-Operative Squamous Cell Carcinoma of the Head and Neck. Amer. Society of Radiation Oncology 2014 Annual Meeting, Sept 14-17, San Francisco, CA.
31. Bayley-Veloso, R.; Weissbecker, I.; Rebholz, W.N.; **Cash, E.**; Zimmaro, L.A.; Phillips, K.; Salmon, P.; Sephton, S.E. (2015). Do traumatic events build resilience and promote survival through social support in gynecologic cancer? Amer Psychosomatic Society 73rd Annual Scientific Conference, Savannah, GA.
32. Rebholz, W.N.; Weissbecker, I.; **Cash, E.**; Bayley-Veloso, R.; Zimmaro, L.A.; Phillips, K.; Sephton, S.E. (2015). Diurnal Cortisol Rhythms and Systemic Norepinephrine Predict Gynecologic Cancer Survival. American Psychosomatic Society 73rd Annual Scientific Conference, Savannah, GA.
33. **Cash, E.**; Winders-Davis, D.; Hughes Miller, K.; Petruska, S.; Taylor, M.; Wilks Wagner, L. (2015). Founding a New WIMS Chapter at an Established Medical School. Association of American Medical Colleges Annual Meeting, Baltimore, MD.

34. Siwik, C.J., Phillips, K., Zimmaro, L.A., Bayley-Veloso, R., Hicks, A., **Cash, E.**, Salmon, P., Sephton, S.E. (2016). Psychological and Physiological Effects of Problem-focused and Emotional Approach to Coping Styles in Gynecological Cancer Patients. American Psychosomatic Society 74th Annual Scientific Conference, Denver, CO.
35. Phillips, K., Bayley-Veloso, R., Zimmaro, L.A., Siwik, C., Hicks, A.M., **Cash, E.**, Salmon, P., & Sephton, S.E. (2016). Does living situation affect stress and health outcomes among cancer patients? American Psychosomatic Society 74th Annual Scientific Meeting, Denver, CO, March 9-12.
36. Hicks, A., Salmon, P., Phillips, K., Zimmaro, L., Siwik, C., Bayley-Veloso, R., Albert, C., Fields, O., **Cash, E.**, & Sephton, S.E. (2016) The role of mindfulness in stress and depressive symptoms of undergraduate students. Amer Psychosomatic Society 74th Annual Scientific Conference, Denver, CO.
 - *Included in Official Program Committee Press Release of Especially Newsworthy Presentations*
37. Yozwiak, J.; Stamm, K.; Leventhal, G.; Rolston, C.; Hamp, A.; Washburn, J.; Robiner, W.; **Cash, E.**; Hayes, N.; Cubic, B. (2016). Collaboration Patterns for Health Service Psychologists in Team-Based Care. Association of American Medical Colleges Annual Meeting, Seattle, WA.
38. Perez, C. A., Amsbaugh, M. J., Claudino, W., Yusuf, M., Wu, X., Rai, S. N., Roberts, T.; Wilson, L.; Hall Volz, L.; Khanal, A.B.; Jenson, A.B.; **Cash, E.**; Bumpous, J.; Silverman, C.; Tennant, P.; Dunlap, N.; Redman, R. (2016). High-Dose Versus Weekly Cisplatin Definitive Chemoradiation Therapy for Human Papillomavirus–Related Oropharyngeal Squamous Cell Carcinoma of the Head and Neck. Multidisciplinary Head and Neck Cancer Symposium, Feb 18-20, Scottsdale, AZ.
39. Bertke, M. H., Shaughnessy, J. N., Forsthoefel, M. K., **Cash, E.**, Silverman, C. L., Amsbaugh, M. J., ... & Dunlap, N. E. (2016). HPV Status May Have Limited Value as a Prognostic Factor in Postoperative Squamous Cell Carcinoma of the Head and Neck Compared to Extranodal Extension and Lymphovascular Space Invasion. Multidisciplinary Head and Neck Cancer Symposium, Feb 18-20, Scottsdale, AZ.
40. Cappello, Z. J., Eid, M., **Cash, E.**, Wilson, L., Tennant, P., Bumpous, J., & Potts, K. (2016). Prognostic Indications of p16 and Smoking Status in Predicting the Need for Posttreatment Neck Dissection After Chemoradiation Therapy in Head and Neck Squamous Cell Carcinoma. Multidisciplinary Head and Neck Cancer Symposium, Feb 18-20, Scottsdale, AZ.
41. Amsbaugh, M. J., Yusuf, M. B., **Cash, E.**, Silverman, C. L., Bumpous, J., Perez, C. A., ... & Dunlap, N. E. (2016). Clinical Presentation of Oropharyngeal Squamous Cell Carcinoma in the Modern Era: Does Risk Stratification Using Human Papillomavirus and Smoking Status Matter?. Multidisciplinary Head and Neck Cancer Symposium, Feb 18-20, Scottsdale, AZ.
42. ****Seibert, A.; Pace, A.; Rebholz, W.; Wilson, L.; Bumpous, J.M.; Cash, E.** (2016). Preoperative Biomarkers as Predictors of Surgical Complications and Survival in Head and Neck Cancer. American Head & Neck Society 9th Annual International Conference, Seattle, WA, July 16-20.

LOCAL MEETINGS

****Denotes Mentored Student Presentation**

2006, 07 Louisville Breast Cancer Update, Louisville, KY.

1. Dedert, E.; Floyd, A.; Chagpar, A.; **Lush, E.**; Weissbecker, I.; Thornton, J.; Martin, M.; Sephton, S. (2006). Stress and Circadian Disruption in Chemoresistance.
2. **Lush, E.**; Martin, M.; Dedert, E.; Chagpar, A.; Rhodes, P.; Sephton, S. E. (2007). Distress, Cortisol and Sleep-Wake Rhythms in Recently Diagnosed Breast Cancer Patients.
3. Martin, M.; **Lush, E.**; Dedert, E.; Chagpar, A.; Rhodes, P.; Sephton, S.E. (2007). Avoidant Coping Styles: Associations with Physiological Stress Markers among Recently Diagnosed Breast Cancer Patients.

2007 Brown Cancer Center 6th Annual Retreat, Louisville, KY.

4. **Lush, E.**; Weissbecker, I.; Floyd, A.; Dedert, E.; Salmon, P.; Sephton, S.E. (2007). Biological Correlates of Social Support in Gynecologic Cancer Patients.
5. **Lush, E.**; Chagpar, A.; Dedert, E.; Martin, M.; McMasters, K.; Rhodes, P.; Dayyat, E.; Sephton, S.E. (2007). Distress, Cortisol, and Sleep-Wake Rhythms in Recently Diagnosed Breast Cancer Patients.

6. Sephton, S.E.; Dedert, E.; Floyd, A.; Weissbecker, I.; **Lush, E.**; Salmon, P. (2007). Diurnal Cortisol Rhythm as a Predictor of Lung Cancer Survival.
7. Martin, M.; **Lush, E.**; Dedert, E.; Chagpar, A.; Rhodes, P.; Sephton, S. (2007). Avoidant Coping Styles: Associations with Physiological Stress Markers among Recently Diagnosed Breast Cancer Patients.

2008 Research!Louisville

8. Eismann, E.A., Weissbecker, I., Floyd, A., Helm, C.W., Metzinger, D., **Lush, E.**, and Sephton, S.E. (2008). Traumatic Events and Stress Physiology in Women with Gynecologic Cancer. Research!Louisville, Louisville, KY.

2008 Brown Cancer Center 7th Annual Retreat, Louisville, KY.

9. **Lush, E.**, Weissbecker, I., Floyd, A., Helm, C.W., Metzinger, D., Self, E., Eismann, E.A., and Sephton, S.E. (2008). Social Relationships and Quality of Life in Gynecologic Cancer Patients.
10. Sephton, S.E., Eismann, E.A., and **Lush, E.** (2008). Circadian Biology and Cancer Progression, a Review of Recent Evidence.
11. Eismann, E.A., Weissbecker, I., Floyd, A., Helm, C.W., Metzinger, D., **Lush, E.**, and Sephton, S.E. (2008). Traumatic Events and Stress Physiology in Women with Gynecologic Cancer.

2009 Brown Cancer Center 9th Annual Retreat, Louisville, KY.

12. Gesler, W., Dhabhar, F., Chagpar, A., Dedert, E., **Lush, E.**, Daup, M., Dayyat, E., McMasters, K., Sephton, S.E. (2010). Distress and Inflammation in Women Newly Diagnosed with Breast Cancer.
13. Thompson, A., Dhabhar, F., Chagpar, A., Dedert, E., **Lush, E.**, Daup, M., Dayyat, E., McMasters, K., Sephton, S.E. (2010). Distress and Inflammation in Women Newly Diagnosed with Breast Cancer.
14. Dhabhar, F.; Spiegel, D.; **Lush, E.**; Chagpar, A.; Tillie, J.; Neri, E.; Daup, M.; Dedert, E.; Dayyat, E.; McMasters, K.; Sephton, S.E. (2011). Effects of Stress and Circadian Disruption on Immune & Angiogenic Factors in Newly Diagnosed, Pre-surgical, Breast Cancer Patients. 4th Annual Stanford Cancer Center Members' Retreat, April 11, 2011, Stanford, CA.

2012 Brown Cancer Center 11th Annual Retreat, Louisville, KY.

15. Dooley, L.; Tate, A.; **Lush, E.**; Bumpous, J.M. (2012). Nasopharyngeal Carcinoma: University of Louisville Experience.

2013 Brown Cancer Center 12th Annual Retreat, Louisville, KY.

16. Hirsch, M.; Willcut, B.; **Cash, E.**; Bumpous, J. (2013). What is the Yield of Parotidectomy in the Surgical Treatment of SCCA of the Face?
17. Lee, H.; **Cash, E.**; Wilson, L.; Potts, K.; Silverman, C.; Dunlap, N.; Redman, R.; Bumpous, J. (2013). p16 Status and Cervical Lymph Node Disease in Oropharyngeal Squamous Cell Cancer.
 - *Second Place Clinical Research Resident/Fellow Award*
18. Katrib, Z.; Nesemeier, R.; **Cash, E.**; Yun, J.; Wilson, L.; Bumpous, J. (2013). Recidivism Rates of Patients with Advanced Head and Neck Squamous Cell Carcinoma Enrolled in Chemotherapy and Irradiation Treatment as a Function of Geography, Anxiety and Depression, and Substance abuse.
 - *Third Place Clinical Research Resident/Fellow Award*
19. **Cash, E.**; Self, E.; Wilson, L.; Russ, E.; Bumpous, J.M. (2013). Anxiety, Depressive Symptoms, and Quality of Life in Newly Diagnosed Head and Neck Cancer Patients.

2013 Research!Louisville

20. Katrib, Z.; **Cash, E.**; Bumpous, J.M.; Wilson, L.; Nesemeier, R. (2013). Recidivism Rates of patients with Advanced Head and Neck Squamous Cell Carcinoma Enrolled in Chemotherapy and Irradiation treatment as a Function of Geography, Anxiety and Depression, and Substance Abuse.
21. McNulty, B.; Chandran, S.K.; **Cash, E.** (2013). Pediatric Airway Evaluation, Indications, and Clinical Findings.
22. Jacob, S.; Harris, V.; **Cash, E.**; Kalathoor, S.; Chandran, S.K. (2013). Correlation Between the Presence of Obstructive Sleep Apnea and Difficulty of Anesthesia Induction in Children Undergoing Tonsillectomy.

2014 Research!Louisville

23. Packer, T.; Zimmaro, L.; **Cash, E.**; Sephton, S.E. (2014). Circadian Disruption: Distress and Sleep

Quality in Breast Cancer Patients.

24. Rasmussen, E.; Bumpous, J.M.; **Cash, E.** (2014). Absolute Lymphocyte Count as a Prognostic Indicator in Head and Neck Cancer.
25. Lee, H.; **Cash, E.**; Wilson, L.; Potts, K.; Silverman, C.; Dunlap, N.; Redman, R.; Bumpous, J.M. (2014). P16 Status and Neck Nodal Disease in Oropharyngeal Squamous Cell Cancer.
26. Steitz, J.; Gettelfinger, J.; **Cash, E.**; Chandran, S.K. (2014). The effect of Medialization Laryngoplasty on Aspiration in Patients with Unilateral True Vocal Cord Paralysis.
27. Katrib, Z.; Waldman, L.; **Cash, E.**; Steitz, J.; Azbell, C.; Chandran, S.K. (2014). Pediatric Neck Abscesses: Predicting the Necessity of Incision and Drainage.
28. Azbell, C.; Allen, S.; **Cash, E.**; Chandran, S.K. (2014). Comparison of Pediatric Tracheostomies Performed for Anatomic and Respiratory Pathologies.

2015 Research!Louisville

29. ****Pace, A.**; Seibert, A.; Rebholz, W.; Wilson, L.; Bumpous, J.; **Cash, E.** (2015). Distress, Anxiety, Depressive Symptoms and Malnutrition Biomarkers on Head and Neck Cancer Progression and Overall Survival.
30. ****Seibert, A.**; Pace, A.; Rebholz, W.; Wilson, L.; Bumpous, J.; **Cash, E.** (2015). Preoperative Biomarkers as Predictors of Surgical Complications and Survival in Head and Neck Cancer.
31. Lee, H.; Chandran, S.; Potts, K; **Cash, E.** (2015). Incidence of Allergic Disease on Dysphonia Patients and its Effect on Voice Handicap.
32. Albert, C.; Stantliff, T.; **Cash, E.**; Sephton, S.E. (2015) Circadian Rhythms and Diurnal Profiles of Salivary Alpha Amylase in Women with Breast Cancer.
 - *Research!Louisville 2nd Place Undergraduate Poster Award*
33. Azbell, C.; **Cash, E.**; Gadre, A. (2015). Endoscopic Assisted Tympanoplasty Outcomes in the Pediatric Population.
34. Worthen, M.; Tennant, P.; **Cash, E.**; Slone, S.; Jusufbegovic, M.; Yang, X.; Vaughn, A.; Bumpous, J. (2015). Fungal Contribution in Chondroradionecrosis of the Larynx.
35. Katrib, Z.; **Cash, E.**; Chandran, S.; Waldman, L.; Steitz, J.; Azbell, C. (2015). Pediatric Neck Abscesses: Predicting the Necessity of Incision and Drainage.

PUBLISHED ABSTRACTS

scholar.google.com/citations?hl=en&user=pTzwstMAAAAJ

1. **Lush, E.**; Salmon, P.; Floyd, A.; Studts, J.; Weissbecker, I.; Sephton, S.E. (2007). Mindfulness Meditation for Symptom Reduction in Fibromyalgia: Psychophysiological Correlates. ANNALS OF BEHAVIORAL MEDICINE 33, S107.
2. Sephton, S.E., Weissbecker, I., Floyd, A., **Lush, E.**, Salmon, P. (2007). Effects of Mindfulness Meditation on Cortisol Profiles in Fibromyalgia. ANNALS OF BEHAVIORAL MEDICINE 33, S17.
3. Martin, M.; Rhodes, P.A.; Salmon, P.G.; Olive, J.; Robinson, J.; McFall, A.; **Lush, E.**, Sephton, S.E. (2007). Hatha Yoga Reduces Pain and Increases Vitality in Adults With Elevated CVD Risk. ANNALS OF BEHAVIORAL MEDICINE 33, S107.
4. **Lush, E.**; Weissbecker, I.; Floyd, A.; Dedert, E.; Salmon, P.; Sephton, S.E. (2008). Biological Correlates of Social Support in Gynecologic Cancer Patients. ANNALS OF BEHAVIORAL MEDICINE 33, S124.
5. Sephton, S.E.; Floyd, A.; Weissbecker, I.; **Lush, E.**; Salmon, P. (2008). Symposium: Diurnal Cortisol Rhythm as a Predictor of Lung Cancer Survival. ANNALS OF BEHAVIORAL MEDICINE 33, S36.
6. Dedert, E.; Chagpar, A.; **Lush, E.**; Martin, M.; Rhodes, P.; Sephton, S.E. (2008). Distress, Coping, and Circadian Disruption in Newly Diagnosed Breast Cancer Patients. ANNALS OF BEHAVIORAL MEDICINE 35, S124.
7. Thornton, J.; Weissbecker, I.; Salmon, P.; **Lush, E.**; Floyd, A.; Sephton, S.E. (2008). Thought Suppression: Associations with Pain and Depression in Women with Fibromyalgia. ANNALS OF BEHAVIORAL MEDICINE 35, S87.

8. Rhodes, P.; Salmon, P.; Weissbecker, I.; Caley, M.; **Lush, E.**; Sephton, S.E. (2008). The Effects of Mindfulness-Based Stress Reduction on Self-Efficacy in Fibromyalgia Patients. *ANNALS OF BEHAVIORAL MEDICINE* 33, S47.
9. Weissbecker, I.; **Lush, E.**; Martin, M.; Simpson, D.; Sephton, S.E. (2008). Predictors of Anxiety in Evacuees during the 2007 California Wild Fires. *ANNALS OF BEHAVIORAL MEDICINE* 33, S110.
10. Daup, M., **Lush, E.**, Dedert, E., McMasters, K., Sephton, S., Chagpar, A. (2010). Is Cancer Specific Distress Correlated with Time to Definitive Surgery in Breast Cancer Patients? *Cancer Research* 70 (24 Supplement), P2-12-01.
11. Thompson, A., Dhabhar, F.S., Chagpar, A., **Lush, E.**, Dedert, E., Daup, M., Dayyat, E., McMasters, K., Sephton, S.E. (2011). Psychoneuroimmune Pathways Related to Cancer-Related Fatigue. *PSYCHOSOMATIC MEDICINE* 73 (3), A56.
12. Gesler, W., Dhabhar, F.S., Chagpar, A., Dedert, E., **Lush, E.**, Daup, M., Dayyat, E., McMasters, K., Sephton, S.E. (2011). Cancer-Specific Distress: No Association with Serum Cytokines in Pre-Surgical Breast Cancer Patients. *PSYCHOSOMATIC MEDICINE* 73 (3) A27.
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