

## **CURRICULUM VITAE**

Roger B. Fillingim

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Home Address: 140 SW 128<sup>th</sup> St, APT 300  
Newberry, FL 32669

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Date of Birth: July 1, 1962

Current Position: Distinguished Professor, Tenured  
University of Florida College of Dentistry  
Department of Community Dentistry  
& Behavioral Science  
Director, University of Florida, Pain Research and  
Intervention Center of Excellence (PRICE)

Current License: Psychologist, Florida License # PY6363

## **EDUCATIONAL BACKGROUND AND ACHIEVEMENTS**

1984 B.A., Psychology, Mercer University, Summa Cum Laude  
1987 M.A., Clinical Psychology, University of Alabama at Birmingham  
1988-1989 Merit Fellowship, University of Alabama at Birmingham  
1989 Dean's Award, Outstanding Graduate Student in the Social Sciences,  
University of Alabama at Birmingham  
1990 Ph.D., Clinical Psychology, University of Alabama at Birmingham

## **PREVIOUS PROFESSIONAL EXPERIENCE**

1989 - 1990 Predoctoral Internship: Duke University Medical Center. Durham,  
North Carolina  
1990 - 1992 Clinical Psychologist: Pain Management Center, Memorial Regional  
Rehabilitation Center. Jacksonville, FL  
1991 - 1992 Consulting Psychologist: Joslin Diabetes Clinic. Jacksonville, FL  
1992 - 1993 Program Director, Functional Restoration Program, Treasure Coast  
Rehabilitation Hospital, Vero Beach, FL

1993-1994	Postdoctoral Research Associate, University of North Carolina, School of Dentistry, Chapel Hill, NC
1994-1996	Research Assistant Professor, University of North Carolina, School of Dentistry, Chapel Hill, NC
1996-2000	Assistant Professor, University of Alabama at Birmingham, Department of Psychology, Birmingham, AL
2000-2006	Associate Professor, University of Florida College of Dentistry, Public Health Services and Research, Gainesville, FL
2001-2010	Staff Psychologist, North Florida South Georgia VA Health System, Gainesville, FL
2006-2014	Professor, University of Florida College of Dentistry, Department of Community Dentistry and Behavioral Science, Gainesville, FL
2010-2012	Research Health Scientist, Rehabilitation Outcomes Research Center, North Florida South Georgia VA Health System, Gainesville, FL
2012-present	Director, University of Florida, Pain Research and Intervention Center of Excellence, Gainesville, FL
2014-present	Distinguished Professor, University of Florida College of Dentistry, Department of Community Dentistry and Behavioral Science, Gainesville, FL

## **Honors & Awards**

2005-2006	University of Florida College of Dentistry, Basic & Behavioral Sciences Teacher of the Year
2006	University of Alabama at Birmingham, Department of Psychology, Outstanding Alumnus Award
2006-2008	University of Florida Research Foundation Professor
2009	Recipient, American Pain Society's Wilbert E. Fordyce, Clinical Investigator Award
2011	University of Florida Health Science Center, Champion of Diversity Award
2011-2012	President-Elect, American Pain Society
2012-2014	President, American Pain Society
2014-2015	Immediate Past President, American Pain Society
2016	University of Florida, Postdoctoral Mentoring Award
2017-2020	University of Florida Term Professorship
2017	Recipient, Distinguished Service Award, American Pain Society

## **EDUCATIONAL ACTIVITIES**

### **Classroom Teaching**

#### Undergraduate Courses Taught

University of Alabama at Birmingham

Introductory Psychology  
Medical Psychology  
The Psychology of Chronic Pain

Graduate Courses Taught:

University of Alabama at Birmingham:  
Human Psychophysiology (Course Director)  
Health Psychology (Course Director)

University of Florida  
GMS 6711: The Neurobiology of Pain (Course Director)

Dental Courses Taught:

University of Alabama at Birmingham:  
Principles of Behavioral Science (Course Director, 1997-2000)  
Patient Management (Course Co-Director, 1999-2000)

University of Florida  
DEN 5221C: Oral Health Management and Psychosocial Issues Across the  
Lifespan (Course Director, 2005-2009)

Continuing Education

**Psychological Management of Dental Pain and Dental Anxiety**, University of  
Alabama at Birmingham School of Dentistry (1998-present)

**Mentoring**

Director, UF Clinical and Translation Science Institute's Mentor Academy, 2013-  
present

Undergraduate & Post-Baccalaureate Students

Nathan Roth, University of Florida Scholars Program for undergraduates, 2004-  
2005  
Demetria Guthridge, NINDS-Funded Minority Post-Baccalaureate Trainee, 2004-  
2005  
Nick Mann, University of Florida Scholars Program for undergraduates, 2007-  
2008  
Tarik Tsaibati, University of Florida Scholars Program for undergraduates, 2010-  
2011  
Quyem Pham, University of Florida Scholars Program for undergraduates, 2011-  
2012  
Divya Reddy, University of Florida Scholars Program for undergraduates, 2014-  
2015

Medical & Dental Students

Chad Grace, University of Florida, College of Dentistry Summer Research Program, 2001  
Julie Franks, University of Florida, General Clinical Research Center Summer Research Program, 2001  
Russell Richardson, University of Florida, College of Dentistry Summer Research Program, 2002  
Tricia Ferguson, University of Florida, General Clinical Research Center Summer Research Program, 2002  
Nina Singh, University of Florida, General Clinical Research Center Summer Research Program, 2003  
Josh Waits, University of Florida, General Clinical Research Center Summer Research Program, 2004  
Monica Perez, University of Florida, College of Dentistry Summer Research Program, 2005  
John Malowitz, University of Florida, General Clinical Research Center Summer Research Program, 2005  
Matthew Ahrens, University of Florida, College of Dentistry Summer Research Program, 2006  
Christyn Magill, University of Florida, General Clinical Research Center Summer Research Program, 2006  
Gary Benjamin, University of Florida, College of Dentistry Summer Research Program, 2007  
Danielle Case, University of Florida, College of Dentistry Summer Research Program, 2008  
Johnny Williams, University of Florida, College of Dentistry Summer Research Program, 2010

#### Thesis Committees

Daniel Lowery, University of Alabama at Birmingham, Department of Psychology, 2001 (Co-Chair)  
Kary Nekula, University of Florida, Department of Orthodontics, College of Dentistry, 2003 (Member)  
Claudia Campbell, University of Florida, Department of Clinical and Health Psychology, 2004 (Chair)  
Valerie Minor, University of Florida, College of Dentistry, Department of Orthodontics, 2005 (Member)  
Shreena Patel, University of Florida, College of Dentistry, Department of Orthodontics, 2007 (Member)  
Benjamin Campbell, University of Florida, College of Dentistry, Department of Orthodontics, 2008 (Member)  
Margarete Ribeiro-Dasilva, University of Florida, College of Medicine, Masters in Clinical Investigation, 2010 (Member)  
Jeffrey Mokris, University of Florida, College of Dentistry, Department of Orthodontics, 2010 (Member)  
Patrick Tighe, MD, University of Florida, College of Medicine, Department of Anesthesiology, 2011 (Chair)

Meredith Adams, MD, University of Florida, College of Medicine, Department of Anesthesiology, 2014 (Chair)

Hyo-Chol "Brian" Ahn, PhD, University of Florida, College of Nursing, Department of Family, Community and Health System Science, 2015 (Chair)

#### Dissertation Committees:

Kristin R. Alberts, University of Alabama at Birmingham, Department of Psychology, 2000 (Member)

Jessica Brown, University of Alabama at Birmingham, Department of Psychology, 2000 (Member)

Robert R. Edwards, University of Alabama at Birmingham, Department of Psychology, 2001 (Chair)

Sandra Inman, Rush University, College of Nursing, 2003 (Member)

Anthony Rodriguez, University of Florida, Department of Neuroscience, 2003 (Member)

Lee Kaplan, Department of Molecular Genetics and Microbiology, University of Florida, 2005 (Member)

Karen Chung, University of Florida, Department of Clinical and Health Psychology, 2005 (Member)

Adam Hirsh, University of Florida, Department of Clinical and Health Psychology, 2005 (Member)

Claudia Campbell, University of Florida, Department of Clinical and Health Psychology, 2006 (Chair)

Shelby Suckow, University of Florida, Department of Neuroscience, 2008 (Member)

Jeremiah Mitzelfelt, University of Florida, Department of Neuroscience, 2010 (Member)

Carolina Valencia, University of Florida, Rehabilitation Science, 2012 (Member)

Toni Glover, University of Florida, College of Nursing, 2013 (Member)

Meryl Alappattu, University of Florida, Rehabilitation Science, 2014 (Member)

Margaret Burns, University of Florida, College of Nursing, 2014 (Member)

Corey Simon, University of Florida, Rehabilitation Science, 2014 (Member)

Trevor Lentz, University of Florida, Rehabilitation Science, 2017 (Member)

Brenda Dyal, University of Florida, College of Nursing, 2018 (Member)

Ivana Vaughn, University of Florida, Health Services Research, 2018 (Member)

Will Hedderson, University of Florida, Applied Physiology & Kinesiology, 2018 (Member)

#### Post-Doctoral Trainees

Barbara A. Hastie, Ph.D., Postdoctoral Research Associate, UF College of Dentistry, 2003.

Bridgett Rahim-Williams, Ph.D., Post-Doctoral Fellow in Translational Pain Research, 2005-2007

Rene' M. Shinal, Ph.D., Post-Doctoral Fellow in Pain Research, 2005-2007

Margarete Ribeiro-Dasilva, DDS, Ph.D., Post-Doctoral Fellow in Oral Biology, 2007-2009

Kimberly Sibille, Ph.D., Post-Doctoral Fellow in Translational Pain Research, 2008-2010  
Christopher D. King, Ph.D., Post-Doctoral Associate Psychophysical Pain Research, 2008-2010  
Lindsay Kindler, Ph.D., Post-Doctoral Fellow in Translational Pain Research, 2009-2010  
Burel Goodin, Ph.D., Post-Doctoral Fellow in Translational Pain Research, 2010-2012  
Yenisel Cruz-Almeida, Post-Doctoral Fellow in Oral Biology, 2011-2012  
Emily J. Bartley, Ph.D., Post-Doctoral Fellow in Translational Pain Research, 2012-2015  
Ellen L. Terry, Ph.D., Post-Doctoral Research Fellow, UF Pain Research & Intervention Center of Excellence, 2015-2018.  
Staja Booker, Ph.D., Post-Doctoral Research Fellow, UF Pain Research & Intervention Center of Excellence, 2017-present.

#### Faculty Mentees

Barbara A. Hastie, Ph.D., Assistant Professor, University of Florida, Department of Community Dentistry and Behavioral Science, NINDS-Funded Faculty Member, 2003-2014  
Bridgett Rahim-Williams, Ph.D., Research Assistant Professor, University of Florida, Department of Behavioral Science and Community Health, Pepper Scholar, 2007-2010  
Margarete Ribeiro-Dasilva, DDS, Ph.D., Research Assistant Professor and KL2 Scholar, University of Florida, Department of Community Dentistry and Behavioral Science, 2009-2013  
Christopher D. King, Ph.D., Research Assistant Professor, University of Florida, Department of Community Dentistry and Behavioral Science, 2009-2015  
Kimberly Sibille, Ph.D., Assistant Professor, University of Florida, Department of Aging and Geriatric Research, 2010-present  
Patrick Tighe, M.D., Assistant Professor, University of Florida, Department of Anesthesiology, 2010-present  
Christopher Harle, Ph.D., Assistant Professor, University of Florida, Department of Health Services Research, Management & Policy, 2012-2015  
Toni L. Glover, PhD, Assistant Professor, University of Florida, College of Nursing, 2013-present  
Yenisel Cruz-Almeida, PhD, Assistant Professor, University of Florida, Department of Aging and Geriatric Research, 2014-present  
Hyo-Chol "Brian" Ahn, Assistant Professor, University of Florida College of Nursing, 2014-present  
Emily J. Bartley, Ph.D., Research Assistant Professor, UF College of Dentistry, 2015-present.  
Ellen L. Terry, Ph.D., Research Assistant Professor, UF College of Dentistry, 2018-present.

## SERVICE

### University Committee Service

University of North Carolina, School of Dentistry, Institutional Review Board (1994-1996)

University of Alabama at Birmingham, Medical Psychology Coordinating Committee (1997-2,000)

Member, Internal Clinical Advisory Group and Internal Steering Committee, University of Florida, Comprehensive Center for Pain Research (2001-present)

Scientific Advisory Board, University of Florida Women's Health Research Center (2002-2005)

University of Florida, College of Dentistry Ad Hoc Space Committee (2003-2005)

University of Florida, College of Dentistry Internal Advisory Board, Research Infrastructure Planning Grant (2003-2007)

University of Florida, College of Dentistry, Research Committee (2005-2008)

University of Florida, Clinical Research Center Advisory Committee (2005-2010)

University of Florida, Clinical Translational Science Institute Stakeholder Group (formerly the Steering and Planning Committee, 2006-present)

University of Florida, College of Dentistry, Student Performance Evaluation Committee (2007-2008)

University of Florida, Institute on Aging, Executive Committee (2007-present)

University of Florida, College of Dentistry, Curriculum Committee (2007-2009)

University of Florida, College of Dentistry, Faculty Development Committee (2008-2011)

University of Florida, College of Medicine, Dean Search Committee (2009)

University of Florida, Advanced Post-Graduate Program in Clinical Investigation Committee, (2010-present)

University of Florida, Clinical Translational Science Award, Scientific Advisory Committee (2010-present)

University of Florida, Academic Health Center Advisory Committee for Research IT (2011-2012)

University of Florida, College of Dentistry, IT Steering Committee (2011-2013)

Chair, University of Florida, College of Dentistry, IT Steering Committee (2012-2013)

University of Florida, College of Pharmacy, Dean Search Committee (2012-2013)

University of Florida Faculty Senate (2013-2016)

University of Florida Parking and Transportation Committee (2013-2016)

University of Florida, College of Dentistry, Research Committee (2014-present)

University of Florida, College of Dentistry, Faculty Development Committee (2014-present)

University of Florida, College of Dentistry, Faculty Advisory Board (2015-2016)

University of Florida, Provost's Task Force on the Distinguished Professor Award (2015-2016)

University of Florida, CTSI KL2 Advisory Committee (2016-present)

### North Florida/South Georgia VA Health System Committee Service

VA Subcommittee on Clinical Investigation (2001-2005)  
VA Pain Management Committee (2001-2005)  
Steering Committee for VA Pain Awareness Week (2001-2003)  
VA Psychology Division Training Committee (2002-2010)  
Coordinated Care Review Board (2003-2010)

#### National and International Committee Service

Committee Member, Research Committee, American Psychological Association, Division 38 (Health Psychology), 1999-2002  
Co-Chair, International Association for the Study of Pain's Special Interest Group on Sex, Gender and Pain, 1999-2002  
Committee Member, Scientific Program Committee, American Pain Society, 2002-2004  
Committee Member, Ad Hoc Subcommittee on Special Interest Groups, International Association for the Study of Pain, 2003-2005  
Member, Organizing Committee, Special Interest Group on Health Disparities in Pain, American Pain Society, 2003-2005  
Committee Member, American Pain Society Task Force on Industry Relations, 2004-2005  
Chair, Scientific Program Committee, American Pain Society, 2004-2005  
Committee Member, American Pain Society Small Grants Committee, 2005-present  
Chair, American Pain Society Scientific Program Task Force, 2007  
Chair, American Pain Society Education Advisory Committee, 2007-2010  
Member, Oral Health Working Group, The PhenX Project (Consensus Measures for Phenotypes and Exposures), March, 2009  
Member, Board of Directors, American Pain Society, May 2009 - May 2012  
Member, Scientific Program Committee, 14<sup>th</sup> World Congress on Pain, August 2010 – August, 2012.  
Co-Chair, External Advisory Committee, University of Maryland Center for Pain Studies Translational Phenotyping Core, 2010-2011.  
Member, Scientific Program Committee, 14<sup>th</sup> World Congress on Pain, August 2012 – October, 2014.  
Steering Committee, ACTION-APS Pain Taxonomy Initiative, 2013 – present.  
Member, NIH Pathways to Prevention Working Group, Effectiveness and Risks of Long-Term Opioid Treatment of Chronic Pain, August, 2013.  
Discussant Leader, Trans-NIH Sleep/Pain Workshop, Coordinated by the National Center for Complementary and Alternative Medicine, May, 2014.  
Chair, American Pain Society Awards Committee, 2014-2015.  
Chair, American Pain Society Pain Research Fund Committee, 2014-2017  
Member, International Association for the Study of Pain, Committee on Committees, 2014-present.  
Member, American Pain Society Nominating Committee, 2015-2017.  
Member, External Advisory Committee, University of Michigan K12: TMJD and Orofacial Pain Interdisciplinary Consortium (UM-TOPICS), April, 2016  
Member, Department of Health & Human Services Interagency Pain Research Coordinating Committee, 2017-2019



Co-Chair, Disparities Working Group, Federal Pain Research Strategy, 2016-2017  
External Reviewer, Bluestone Center for Clinical Research, New York University,  
September, 2017

### Clinical Service

Clinical Psychologist, Pain Management Center, Memorial Regional Rehabilitation Center. Jacksonville, FL (1990-1992). Duties: Psychological evaluation and treatment of patients with chronic pain.

Consulting Psychologist, Joslin Diabetes Clinic, Jacksonville, FL (1991-1992). Duties: Providing psychoeducation and co-facilitating support group for patients with diabetes.

Program Director and Clinical Psychologist, Functional Restoration Program, Treasure Coast Rehabilitation Hospital, Vero Beach, FL (1992-1993). Duties: Developing functional rehabilitation program and providing psychological evaluation and treatment of patients with chronic pain.

Clinical Psychologist, Facial Pain Center, University of North Carolina School of Dentistry (1994-1996). Duties: Psychological evaluation and treatment of patients with chronic orofacial pain.

Clinical Psychologist, Facial Pain Clinic, University of Alabama at Birmingham, School of Dentistry (1997-2000). Duties: Psychological evaluation and treatment of patients with chronic orofacial pain.

Staff Psychologist and Director of Pain Psychology Service, Gainesville VA Medical Center (2001-2010). Duties: Psychological evaluation and treatment of veterans with chronic pain, supervising interns and postdoctoral residents in the pain psychology service.

## **FUNDING HISTORY**

### **Previous Grants**

<u>Grant #:</u> R03 DE11163	<u>Funding Agency:</u> NIH - NIDR
<u>Title:</u> Pulpitis Pain: The Effects of Gender and Coping (Roger B. Fillingim, PI)	
<u>Funding Period:</u> 9/15/94-9/14/96	<u>Amount of Award:</u> \$71,903 (Total Costs)

<u>Grant #:</u> N/A	<u>Funding Agency:</u> UAB-Faculty Research Grant
<u>Title:</u> The Influence of Gender on Spatial Summation of Thermal Pain (Roger B. Fillingim, PI)	
<u>Funding Period:</u> 11/01/96-10/31/97	<u>Amount of Award:</u> \$2,450 (Total Costs)

<u>Grant #:</u> N/A	<u>Funding Agency:</u> UAB Center for Aging (NIA)
<u>Title:</u> Age-Associated Differences in Endogenous Pain Modulation (Roger B. Fillingim, PI)	
<u>Funding Period:</u> 03/01/99-03/01/00	<u>Amount of Award:</u> \$20,000 (Total Costs)

<u>Grant #:</u> N/A	<u>Funding Agency:</u> UAB GCRC
<u>Title:</u> A Pilot Study of Sex and Menstrual Cycle Effects on Pain and Analgesia (Roger B. Fillingim, PI)	

Funding Period: 08/01/99-07/31/00      Amount of Award: \$16,584 (Total Costs)

Grant #: R29 DE12261      Funding Agency: NIH - NIDR  
Title: Gender Differences in Responses to Painful Stimuli (Roger B. Fillingim, PI)  
Funding Period: 9/15/96-6/14/02      Amount of Award: \$507,496 (Total Costs)

Grant #: R21 DK57257      Funding Agency: NIH - NIDDK  
Title: Pain Sensitivity and Menstrual Cycle Effects in IC (Roger B Fillingim, PI)  
Funding Period: 09/30/99-09/29/02      Amount of Award: \$325,125 (Total Costs)

Grant #: 1 R01 NS41670      Funding Agency: NIH - NINDS  
Title: Sex and Menstrual Cycle Effects on Pain and Analgesia (Roger B Fillingim, PI)  
Funding Period: 09/01/00-07/31/05      Amount of Award: \$1,253,198 (Total Costs)

Grant #: 1 R01 NS42754      Funding Agency: NIH - NINDS  
Title: Ethnic Differences in Responses to Painful Stimuli (Roger B Fillingim, PI)  
Funding Period: 09/01/02-08/31/08      Amount of Award: \$1,950,321 (Total Costs)

Grant #: 9 R01 AG033906-06S1      Funding Agency: NIH - NIA  
Title: Ethnic Differences in Responses to Painful Stimuli-ARRA Competitive Supplement (Roger B Fillingim, PI)  
Funding Period: 09/30/09 - 08/31/11      Amount of Award: \$712,744 (Total Costs)

Grant #: 2 R01 NS041670      Funding Agency: NIH - NINDS  
Title: Sex-Related Genetic Influences on Pain and Analgesia (Roger B Fillingim, PI)  
Funding Period: 08/01/05-07/31/12      Amount of Award: \$3,631,453 (Total Costs)

Grant #: 1U01DE017018      Funding Agency: NIH - NIDCR  
Title: Risk Factors for Onset and Persistence of TMD (Roger B Fillingim, Subcontract PI)  
Funding Period: 08/01/05-08/31/12      Amount of Award: \$3,046,252 (Total Costs)

Grant #: 10 R01 AG033906      Funding Agency: NIH - NIA  
Title: Ethnic Differences in Responses to Painful Stimuli (Roger B Fillingim, PI)  
Funding Period: 04/01/09 - 03/31/14      Amount of Award: \$3,775,476 (Total Costs)

Grant #: 8578749      Funding Agency: Pfizer  
Title: An Integrative and Sustainable Approach to Pain Management in Primary Care (R. Hurley/C. Harle PIs, Fillingim, Co-I)  
Funding Period: 07/01/13 – 06/30/15      Amount of Award: \$498,000 (Total)

Grant #: R01 AG039659-01      Funding Agency: NIH - NIA  
Title: The Effects of Aging on Experimental Models of Pain Inhibition and Facilitation (J. Riley, PI, Fillingim, Co-I)  
Funding Period: 10/1/11 – 5/31/16      Amount of Award: \$3,327,824 (Total Costs)

Grant #: 5 U01 HG007269                      Funding Agency: NIH-NHGRI  
Title: Genomic Medicine Implementation: The Personalized Medicine Program (J. Johnson, PI, Fillingim, Co-I)  
Funding Period: 06/16/13 – 04/30/17      Amount of Award: \$978,729 (Current Year)

### **Active Grants: Principal Investigator**

Grant #: 1 T32 AG0049673-01                      Funding Agency: NIH/NIA  
Title: Integrative and Multidisciplinary Pain and Aging Research Training (IMPART)  
Funding Period: 09/01/15-08/31/20      Amount of Award: \$244,256 (current year)

Grant #: 2 R37 AG033906-12                      Funding Agency: NIH - NIA  
Title: Ethnic Differences in Responses to Painful Stimuli (Roger B Fillingim, PI)  
Funding Period: 09/15/14 - 04/30/19      Amount of Award: \$5,720,123 (Total Costs)

Grant #: 2 R37 AG033906-12S1                      Funding Agency: NIH - NIA  
Title: Ethnic Differences in Responses to Painful Stimuli-Minority Supplement (Roger B Fillingim, PI)  
Funding Period: 06/15/15 - 06/14/17      Amount of Award: \$106,932 (Total Costs)

Grant #: 1 U01 DE024169-01                      Funding Agency: NIH - NIDCR  
Title: Effect of COMT Genetic Polymorphisms on Response to Propranolol Therapy in TMD (Roger B Fillingim, Subcontract PI)  
Funding Period: 09/12/14 - 08/31/17      Amount of Award: \$3,254,644 (Total Costs)

Grant #: 1 K07 AG046371-01A1                      Funding Agency: NIH - NIA  
Title: Pain and Aging Research Translational Initiative (Roger B Fillingim, PI)  
Funding Period: 09/01/14 - 08/31/19      Amount of Award: \$666,644 (Total Costs)

Grant #: 1U01DE017018                      Funding Agency: NIH - NIDCR  
Title: Genetic and Psychosocial Influences on Transition to Chronic TMD and Related Pain (Roger B Fillingim, Subcontract PI)  
Funding Period: 08/07/12-07/31/17      Amount of Award: \$347,414 (Current Year)

### **Active Grants: Co-Investigator or Consultant**

Grant #: 1 U01 HL117684                      Funding Agency: NIH - NHLBI  
Title: The Role of Endothelin in Sickle Cell Disease (A. Kutlar, PI; Fillingim, Co-I)  
Funding Period: 08/15/13-05/31/18      Amount of Award: \$1,660,389 (Year 1 Costs)

Grant #: 1 R01 AR055899                      Funding Agency: NIH - NIAMS  
Title: Biopsychosocial Influences in Shoulder Pain (S. Z. George, PI; Fillingim, Co-I)  
Funding Period: 07/01/08 - 04/30/20      Amount of Award: \$631,246 (Current Year)

Grant #: P30 AG028740                      Funding Agency: NIH - NIA  
Title: Claude D. Pepper Older Americans Independence Center (M. Pahor, PI, Fillingim, Co-I)  
Funding Period: 06/01/07 – 03/31/22      Amount of Award: \$1,023,397 (Current Year)

Grant #: 1 R01 AR055899                      Funding Agency: NIH - NIGMS  
Title: Finding Good Temporal Postoperative Pain Signatures (P. Tighe, PI; Fillingim, Co-I)  
Funding Period: 07/01/15 - 06/30/20      Amount of Award: \$491,939 (Current Year)

Grant #: 1 R01 AG054370                      Funding Agency: NIH - NIA  
Title: Health Disparities in Osteoarthritis: Biological Aging, Stress, and Pain - Modulation by Resilience Factors (K. Sibille, PI; Fillingim, Co-I)  
Funding Period: 09/15/16 - 05/31/21      Amount of Award: \$511,038 (Current Year)

### **Editorial and Professional Activities**

Editorial Boards                      Pain (2000 - 2009)  
    The Journal of Pain (2003-present)  
    Psychosomatic Medicine (2004-present)  
    European Journal of Pain (2006-present)  
    Pain Medicine (2008-present)  
    F1000 (2011-2017)  
    Pain Reports (2016-present)

Co-Guest Editor                      Special issue of Seminars in Orthodontics on "Psychological Factors in Orthodontic Treatment," published December, 2000.

### **Grant Review Activities**

- Chair, NINDS Special Emphasis Panel ZNS1 SRB-H, February, 2001 and February, 2002
- Member, ZRG1 RPNB-B Special Emphasis Panel (Mind, Body and Health), June, 2004
- Ad Hoc Reviewer, Arthritis Foundation
- Ad Hoc Reviewer, Israel Science Foundation
- Ad Hoc Reviewer, Biotechnology and Biological Sciences Research Council (UK)
- Ad Hoc Member, NIH/NINDS NSD-C Review Panel, June, 2005
- Member, ZDE1 YL 41, Special Emphasis Panel (Models of Trigeminal Pain), March, 2007
- Member, ZRG1 IFCN-E, Special Emphasis Panel (Member Conflicts), December, 2008
- Member, ZRG1 CFS-D(01), Chronic Fatigue Syndrome, Fibromyalgia Syndrome, Temporomandibular Disorders, February, 2009

- Member, ZRG1 IFCN-A(58) R-RFA OD-09-003: Challenge Grants Panel 8, June, 2009
- Chair, ZRG1 CFS-M(95), Chronic Fatigue Syndrome, Fibromyalgia Syndrome, Temporomandibular Disorders, 2009 – 2011
- Member, Somatosensory and Chemosensory Systems Study Section, July 2011 – June 2015.
- Ad Hoc Reviewer, European League Against Rheumatism (EULAR) Research Proposals in the Area of Pain, December, 2011.
- Chair, DOD Clinical and Rehabilitation Medicine Research Program, Pain Management-1 Review Committee, April, 2014.
- Chair, DOD Clinical and Rehabilitation Medicine Research Program, Pain Management Review Committee, April, 2015.
- Member, ZNS1 SRB-B, T32 Grant Review Panel, November, 2015.
- Ad Hoc Reviewer, Behavioral Medicine Interventions & Outcomes Review Panel, February, 2016
- Member, Behavioral Medicine Interventions and Outcomes Study Section, July 2016 – June, 2020.
- Reviewer, NIH Director's Early Independence Award (DP5), December, 2016-17

## **RESEARCH AND PUBLICATIONS**

### **Books**

**Filligim, R.B.** (Ed.) (2000) Sex, Gender and Pain, Seattle: IASP Press.

Lautenbacher, S. & **Filligim, R.B.** (Eds.) (2004) Pathophysiology of Pain Perception, New York: Kluwer Academic.

**Filligim, R.B.** (2005) A Concise Encyclopedia of Pain Psychology, Binghamton, NY: Haworth Press.

Chin, M.L., **Filligim, R.B.** & Ness, T.J. (Eds.) (2013) Pain in Women: Current Concepts in the Understanding and Management of Common Clinical Pain Conditions in Females. New York: Oxford University Press.

### **Invited Articles and Book Chapters**

1. Keefe, F. J., **Filligim, R. B.**, & Williams, D. A. (1991). Behavioral assessment of pain: Nonverbal measures in animals and humans. Institute of Laboratory Animal Resources News, 33, 3-13.
2. Keefe, F. J., Beckham, J. C., & **Filligim, R. B.** (1992). The psychology of chronic back pain. In J. Frymoyer, T. Ducker, N. Hadler, J. Kostuik, J. Weinstein, & T. Whitecloud (Eds.), The Adult Spine: Principles and Practices. New York: Raven Press.

3. **Filligim, R. B.**, & Blumenthal, J. A. (1992). Does aerobic fitness reduce stress responses? In J. R. Turner, A. Sherwood, & K. C. Light (eds.), Individual Differences in Cardiovascular Response to Stress, (pp. 203-217). New York: Plenum.
4. **Filligim, R. B.**, & Blumenthal, J. A. (1993). Psychological effects of exercise in the elderly. In P. Seraganian (ed.), Exercise Psychology: The Influence of Exercise Upon Psychological Processes (pp. 237-253). New York: John Wiley and Sons.
5. **Filligim, R.B.** & Blumenthal, J.A. (1993). The use of aerobic exercise as a method of stress management. In P.M. Lehrer & R. Woolfolk (Eds.) Principles and Practice of Stress Management (2nd ed., pp. 443-462) New York: Guilford Press.
6. Maixner, W., Sigurdsson, A., **Filligim, R.**, Lundeen, T., & Booker, D. (1995). Regulation of acute and chronic orofacial pain. In J. Friction & R. Dubner (eds.), Advances in Pain Research and Therapy (pp. 85-102). New York: Raven Press.
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## Plenary, Keynote and Named Lectures

1. **Sex, Gender, and Pain: From the Benchtop to the Clinic**, Plenary Lecture presented at the 20<sup>th</sup> Annual Meeting of the American Pain Society, Phoenix, AZ, April, 2001

2. **Sex, Gender and Pain**, Invited Plenary Lecture at the Annual Scientific Meeting of the British Pain Society, Harrogate, UK, April, 2006
3. **Individual Differences in Experimental Pain Responses**, Plenary Lecture at the Annual Scientific Meeting of the Canadian Pain Society, Edmonton, Alberta, June, 2006
4. **Sex, Hormones, Pregnancy and Pain**, Plenary Lecture at the European Federation of IASP Chapters Triennial Congress, Istanbul Turkey, September, 2006
5. **Individual Differences in Pain and Analgesia: Contributing Factors and Clinical Implications**, Keynote Address, Annual Meeting of the American Society of TMJ Surgeons, Amelia Island, FL, February, 2008.
6. **This Will Hurt Me More Than It Hurts You: Considering Individual Differences in Pain**, Plenary Lecture at the Annual Scientific Meeting of the American Pain Society, San Diego, CA, May, 2009.
7. **Is Laboratory Pain a Useful Translational Research Tool?** John J. Bonica Lecture, University of Washington, Seattle, WA, January, 2010.
8. **Individual Differences in Pain: Gender, Genetics, and Beyond.** Plenary Lecture at the Annual Meeting of the American Academy of Orofacial Pain, Orlando, FL, May, 2010.
9. **Can Quantitative Sensory Testing Move Us Closer to Mechanism-Based Pain Medicine?** Plenary Lecture at McGill University Pain Research Day, Montreal, QC, Canada, January, 2013.
10. **State of the Society Address.** Presidential address at the Annual Scientific Meeting of the American Pain Society. New Orleans, LA, May, 2013.
11. **Individual Differences in Responses to Pain and Its Treatment: Implications for Personalized Pain Management.** Plenary Lecture at Dalhousie University's Inaugural Pain Day, Halifax, NS, Canada, May, 2013.
12. **Mechanism-Based Pain Assessment: Implications for Treatment.** Benjamin G. Covino Lecture, Harvard Medical School. Boston, MA, October, 2013.
13. **State of the Society Address.** Presidential address at the Annual Scientific Meeting of the American Pain Society. Tampa, FL, May, 2014.
14. **The Epidemic of Chronic Pain: Translational Challenges and Opportunities.** Keynote address at the South Carolina Clinical and Translational Research Institute Scientific Retreat on Pain Research. Charleston, SC, May, 2014.

15. **Sex and Ethnic Differences in Pain.** Plenary Lecture at the International Symposium on Pediatric Pain. Seattle, WA, June, 2015.
16. **Individual Differences in Pain: Understanding the Mosaic that Makes Pain Personal.** Plenary Lecture at the World Congress on Pain, Yokohama, Japan, September, 2016.
17. **Taking Aim Is Easier When You Know the Target: Moving Toward Mechanism-Based Pain Assessment.** Plenary Lecture at the American Pain Society Pain Summit. Anaheim, CA, March, 2018.

### **Selected Symposia and Invited Presentations**

18. **Sex, Gender and Pain: Current Issues,** Symposium presented at the 13<sup>th</sup> Annual Scientific Meeting of the American Pain Society, Miami, FL, November, 1994
19. **The Influence of Gender on Pain Responses,** Invited Presentation, Meeting of the International Pelvic Pain Society, New Orleans, LA, October, 1997.
20. **Sex-Related Differences in the Responses to Experimentally-Induced Pain,** Invited Presentation, NIH Conference on Gender and Pain, Bethesda, MD, April, 1998.
21. **Self-Reported Abuse History and Pain Complaints Among Healthy Young Adults,** Symposium presented at the 57<sup>th</sup> Annual Scientific Meeting of the American Psychosomatic Society, Vancouver, BC, March. 1999.
22. **Sex-Related Influences on Clinical and Experimental Pain,** Invited presentation, University of Florida Pain Research Symposium Series, May, 1999
23. **Mechanisms Underlying Sex Differences in Pain,** Symposium presented at the 9<sup>th</sup> World Congress on Pain, Vienna, Austria, August, 1999
24. **Sex, Gender, and Pain: Mechanisms and Clinical Implications,** Symposium presented at the 19<sup>th</sup> Annual Scientific Meeting of the American Pain Society, Atlanta, GA, November, 2000
25. **Advances in the Assessment of Pain and Analgesia,** Professional Development Course presented at the 20<sup>th</sup> Annual Meeting of the American Pain Society, Phoenix, AZ, April, 2001
26. **Ethnic and Cultural Influences on Pain,** Symposium presented at the 20<sup>th</sup> Annual Meeting of the American Pain Society, Phoenix, AZ, April, 2001



27. **Health Disparities in Treatment and Management of Chronic Pain Disorders**, Symposium presented at the 20<sup>th</sup> Annual Meeting of the American Pain Society, Phoenix, AZ, April, 2001
28. **Experimental Pain Procedures Across the Life Span: Childhood, Adolescence, and Late Adulthood**, Symposium presented at the 20<sup>th</sup> Annual Meeting of the American Pain Society, Phoenix, AZ, April, 2001
29. **Gender Differences in Pain Perception & Pain Management**, Invited presentation at the Advanced Curriculum on Women's Health, Second International Conference, Cleveland, OH, August, 2001
30. **Managing Pain in Women Veterans**, Presentation for the VA Satellite Telecast entitled "Pain Management in Special Patients," Washington, DC, August, 2001
31. **Gender Differences in Responsiveness to Opioid Medications**, Invited presentation at the Fourth Annual Conference in Pain Management, Birmingham, AL, September, 2001
32. **Experimental Pain Models in Humans: Sex and Menstrual Cycle Effects on Opioid Analgesia**, Invited presentation (by video) at the Sex Differences in Analgesics conference, London, England, November, 2001
33. **Sex Differences in Pain Responses: Evidence from Experimental Studies Using Clinically Relevant Stimuli**, Invited presentation at the NIH Symposium entitled "Neurobiology of Craniofacial/Deep Tissue Persistent Pain," Baltimore, MD, March, 2002
34. **Sex Differences in Responses to Opioid Analgesics**, Symposium presented at the 21<sup>st</sup> Annual Meeting of the American Pain Society, Baltimore, MD, March, 2002
35. **Is Childhood Abuse a Risk Factor for Medically Unexplained Pain in Adulthood**, Symposium presented at the 21<sup>st</sup> Annual Meeting of the American Pain Society, Baltimore, MD, March, 2002
36. **Sex, Gender, and Pain**, Invited presentation at the Scientific Meeting of the International Pelvic Pain Society, San Diego, CA, August, 2002
37. **Individual Differences in Pain Responses: The Influence of Gender and Ethnicity**, Invited presentation at the NINDS National Advisory Council meeting, Bethesda, MD, September, 2002
38. **Sex and Gender Issues in Pain**, Invited presentation at the Third Annual Southern Academic Pain Symposium, Greensboro, NC, October, 2002

39. **Sex, Gender and Pain: Clinical and Experimental Findings**, Invited presentation at the Ninth Annual Interdisciplinary Women's Health Research Symposium, University of Maryland at Baltimore, Baltimore, MD, November, 2002
40. **Sex-Related Influences on Pain and Analgesia**, Invited presentation at the Johns Hopkins School of Medicine, Baltimore, MD, November, 2002
41. **Sex, Gender and Pain: Are the Differences Clinically Relevant?**, Invited presentation at the Sixth Annual Focus on Pain Conference, Orlando, FL, March, 2003
42. **Sex Differences in Pain and Analgesia**, Invited Presentation at the 3<sup>rd</sup> Annual Pediatric Pain Forum, Chicago, IL, March, 2003
43. **Predicting the Development of Chronic Pain: Data from Prospective Studies**, Symposium presented at the 22<sup>nd</sup> Annual Meeting of the American Pain Society, Chicago, IL, March, 2003
44. **Sex Differences in Pain and Opioid Analgesia**, Invited Presentation at the meeting entitled Obstetric Pain: Physiology and Pharmacology, Wake Forest University School of Medicine, Winston-Salem, NC, April, 2003
45. **Psychological Impact of Unrelieved Pain**, Invited Presentation at the 4<sup>th</sup> Annual Perioperative Pain Management Seminar, Gainesville, FL, April, 2003
46. **Individual Differences in Pain Responses: The Roles of Gender and Ethnicity**, Invited Presentation at the Spectrum of Pain meeting, Clearwater Beach, FL, May, 2003
47. **Sex, Gender and Pain: The Biopsychosocial Model in Action**, Invited presentation at the Annual Conference of the Canadian Pain Society, Toronto, ON, CA, May, 2003
48. **Psychosocial Aspects of Mild-to-Moderate Pain**, Invited presentation at the conference entitled State-of-the-Art Management of Mild-to-Moderate Pain: From Adolescence Through Old Age, Presented by the Department of Health and Human Services Office on Women's Health, Washington, DC, December, 2003
49. **Individual Differences in Pain Responses: The Roles of Gender and Ethnicity**, Invited Presentation at the Spectrum of Pain meeting, Fort Myers, FL, April, 2004
50. **Individual Differences in Pain and Analgesic Responses**, Invited Presentation at the University of California San Francisco Pain Group, San Francisco, CA, December, 2004

51. **Ethnic Differences in Pain Responses**, Pre-Conference Workshop presented at the 24<sup>th</sup> Annual Scientific Meeting of the American Pain Society, Boston, MA, March, 2005
52. **Translational Pain Research: Challenges and Opportunities**, Closing Session presented at the 24<sup>th</sup> Annual Scientific Meeting of the American Pain Society, Boston, MA, April, 2005
53. **Gender Differences in Pain and Analgesic Responses: A Biopsychosocial Perspective**, Invited Presentation at the Novartis Foundation meeting entitled “Sex Determinants of Pain: Myth vs. Reality and Implications for Therapies,” London, England, April, 2005
54. **Individual Differences in Pain: Contributions of Gender, Ethnicity and Genetics**, Invited presentation to the University of Alabama at Birmingham Arthritis Center Methodology Core, Birmingham, AL May, 2005
55. **Is Chronic Pain a Women’s Health Issue?**, Invited presentation at the NIH ORWH Women’s Health Seminar Series, Bethesda, MD November, 2005
56. **Gender Differences and Pain**, Invited presentation at the American Society of Regional Anesthesia and Pain Medicine Annual Fall Meeting, Miami Beach, FL November, 2005
57. **Individual Differences in Pain and Analgesia: Genes, Gender and Ethnicity**, Invited presentation at the NIH Pain Consortium Symposium: Advances in Pain Research, Bethesda, MD, April, 2005
58. **Sex-Related Biological Contributions to Pain and Analgesia**, Invited Symposium at the Annual Scientific Meeting of the British Pain Society, Harrogate, UK, April, 2006
59. **Individual Differences in Pain and Analgesia**, Symposium Presentation at the Annual Scientific Meeting of the American Pain Society, San Antonio, TX, May, 2006
60. **Experimental Pain Models as Analgesic Assays**, Symposium Presentation at the Annual Scientific Meeting of the Canadian Pain Society, Edmonton, Alberta, June, 2006
61. **Genetic Contributions to Individual Differences in Pain and Analgesia**, Invited Symposium at the Annual Meeting of the Academy of Behavioral Medicine Research, Amelia Island, FL, July, 2006
62. **Individual Differences in Pain: Gender, Ethnicity and Genetics**, Invited Presentation at the Annual Meeting of the American Academy of Pain Management, Orlando, FL, September, 2006

63. **The Importance of Gender for Pain Management**, Invited Presentation at the European Federation of IASP Chapters Refresher Course, Istanbul Turkey, September, 2006
64. **Genetic Contributions to Individual Differences in Pain and Analgesia**, Invited Presentation at the NIDDK 2006 International Symposium: Frontiers in Bladder Pain Syndrome and Interstitial Cystitis, Bethesda, MD, October, 2006
65. **Individual Differences in Pain: The Virtues of Variability**, Invited Presentation to the Pain Research Program at the University of Iowa, Iowa City, IA, April, 2007
66. **Sex Differences in Pain and Analgesia: Experimental Findings**, Invited Presentation at the First Annual Meeting of the Organization for the Study of Sex Differences, Washington, DC, May, 2007
67. **Sex Differences in Pain and Analgesia: Clinical and Experimental Findings**, Invited Presentation at the University of Oslo Department of Psychology, Oslo, Norway, October, 2007
68. **Individual Differences in Pain and Analgesia**, Invited Presentation at the University of Heidelberg's Conference "Neuroplasticity and Learning in Chronic Pain," Schwetzingen, Germany, November, 2007.
69. **Individual Differences in Pain and Analgesia: Contributing Factors and Clinical Implications**, Keynote Address, Annual Meeting of the American Society of TMJ Surgeons, Amelia Island, FL, February, 2008.
70. **Individual Differences in Pain and Analgesia: One Size Does Not Fit All**, Invited presentation to the Icelandic Association for the Study of Pain, Reykjavik, Iceland, April, 2008.
71. **Is Pain a Women's Health Issue?**, Invited presentation at the University of Iceland, Reykjavik, Iceland, April, 2008.
72. **Risk Factors for Onset and Persistence of Pain**. Symposium Presentation at the Annual Scientific Meeting of the American Pain Society, Tampa, FL, May, 2008.
73. **Sex Differences in Responses to Pain and Its Treatment**, Invited presentation at the 10<sup>th</sup> Annual Update in Headache & Pain Management, Dearborn, MI, May, 2008.
74. **What Can We Learn from Studying Individual Differences in Experimental Pain Responses**, Invited presentation at the Pittsburgh Center for Pain Research, Pittsburgh, PA, September, 2008.

75. **Sex and Gender Differences in Pain and Analgesia**, Grand Rounds, Department of Anesthesiology, Oregon Health & Science University, Portland Oregon, March 2009.
76. **This Will Hurt Me More Than it Hurts You: Considering Individual Differences in Pain**, Plenary presentation at the Annual Scientific Meeting of the American Pain Society, San Diego, CA, May, 2009.
77. **Genetic Contributions to Ethnic Differences in Chronic Pain**, Invited presentation at the NIH Pain Consortium 4<sup>th</sup> Annual Symposium on Advances in Pain Research, Bethesda, MD, May, 2009.
78. **Genetic and Non-Genetic Risk Factors for the Development of Chronic Pain**. Invited presentation at the IMMPACT XI meeting, Arlington, VA, June, 2009.
79. **Individual Differences in Pain Sensitivity and Opioid Analgesia**. Invited presentation at the 6<sup>th</sup> Congress of the European Federation of IASP Chapters (EFIC), Lisbon, Portugal, September, 2009.
80. **Individual Differences in Response to Pain and Its Treatment**. Invited presentation at the 4<sup>th</sup> Annual Pain Summit, Orlando, FL, September, 2009.
81. **Pain Is in the Eye of the Beholder: Individual Differences in Responses to Pain and Its Treatment**. Invited seminar at the Medical College of Georgia Comprehensive Sickle Cell Center, Augusta, GA, November, 2009.
82. **Psychosocial Factors in Chronic Pain: Implications for Treatment**. Invited presentation at the North Florida/South Georgia VHS Pain Seminar, Gainesville, FL, November, 2009.
83. **Individual Differences in Responses to Pain and Its Treatment**. Grand Rounds, Department of Anesthesiology and Pain Medicine, University of Washington, Seattle, WA, January, 2010.
84. **Controversies in Fibromyalgia: The Role of Genetics, Biological Factors, Psychosocial Stress, and Physical Trauma**. Symposium at the Annual Scientific Meeting of the American Pain Society, Baltimore, MD, May, 2010.
85. **Assessment of Biopsychosocial and Genetic Risk Factors for Chronic Orofacial Pain: The OPPERA Study**. Workshop at the Annual Scientific Meeting of the American Pain Society, Baltimore, MD, May, 2010.
86. **Hormonal Influences on Clinical and Experimental Pain in Humans**. Topical Workshop at the 13<sup>th</sup> World Congress on Pain, Montreal, QC, CA, August, 2010.

87. **Orofacial Pain: Prospective Evaluation and Risk Assessment: The OPPERA Study.** Topical Symposium at the 13<sup>th</sup> World Congress on Pain, Montreal, QC, CA, September, 2010.
88. **Psychosocial Factors in Chronic Pain: Implications for Treatment.** Invited presentation at the 5<sup>th</sup> Annual Pain Summit, Orlando, FL, September, 2010.
89. **Individual Differences in Pain Sensitivity as a Risk Factor for Chronic Pain.** Invited presentation at BENZON SYMPOSIUM No. 57: Acute Pain - Pathophysiology and Risk Factors for Chronification Copenhagen, Denmark, October, 2010
90. **Sex and Gender Differences in Pain: An Overview.** Invited presentation at NIDA Neuroscience Consortium Symposium: Sex Differences in Pain and Opioid Analgesia, Bethesda, MD, October, 2010
91. **Gender, Genetics, and Lifespan Variability in Pain Perception.** Invited presentation at the Annual Meeting of the Norwegian Society of Anesthesiology, Oslo, Norway, October, 2010.
92. **Gender, Genetics, and Lifespan Variability in Pain Perception.** Invited presentation at the Norwegian Institute of Public Health, Oslo, Norway, October, 2010.
93. **Individual Difference Factors Associated with Risk for Chronic Pain.** Invited presentation at the Third Annual Trauma Spectrum Conference, Bethesda, MD, December, 2010.
94. **Partnering with CTSAs for Pain Phenotyping.** Workshop at the Annual Scientific Meeting of the American Pain Society, Austin, TX, May, 2011.
95. **Biopsychosocial Contributions to Individual Differences in Pain.** Invited presentation at the PRIME Center, West Haven VAMC, West Haven, CT, August, 2011.
96. **Sex, Gender, and Pain: An Overview and Discussion of Conceptual Issues.** Invited presentation at PainWeek, Las Vegas, NV, September, 2011
97. **Sex Differences in the Experience of Pain: Epidemiologic, Clinical, and Experimental Findings.** Invited presentation at PainWeek, Las Vegas, NV, September, 2011
98. **Biopsychosocial Mechanisms Underlying Sex and Gender Differences in Pain.** Invited presentation at PainWeek, Las Vegas, NV, September, 2011
99. **Sex and Gender Differences in Responses to Pain Treatment.** Invited presentation at PainWeek, Las Vegas, NV, September, 2011

100. **Sex and Gender Differences in Pain: Overview of Clinical and Experimental Findings.** Invited presentation at the NIH Office for Research on Women's Health Seminar Series, Bethesda, MD, September, 2011
101. **Genetic Associations with What? The Importance of Pain Phenotypes.** Invited presentation at the 10<sup>th</sup> IASP Research Symposium: The Genetics of Pain: Science, Medicine and Drug Development, Miami Beach, FL, February, 2012.
102. **Sex and Gender Differences in Pain: Biopsychosocial Influences.** Invited presentation at the American Association of Endodontics Annual Session, Boston, MA, April, 2012.
103. **Quantitative Sensory Testing in Humans: Methods and Clinical Applications.** Workshop at the Annual Scientific Meeting of the American Pain Society, Honolulu, HI, May, 2012.
104. **Gender/Sex Differences in Pain and Opioid Analgesia.** Symposium at the Annual Scientific Meeting of the American Pain Society, Honolulu, HI, May, 2012.
105. **Pain at a Crossroads: Challenges and Opportunities for Translating Knowledge into Practice.** Invited Presentation at the NIH Pain Consortium 7<sup>th</sup> Annual Symposium on Advances in Pain Research, Bethesda, MD, May 2012.
106. **Incorporating Quantitative Sensory Testing into Analgesic Outcome Studies.** Invited Presentation at the FDA's Assessment of Analgesic Treatment of Chronic Pain: A Scientific Workshop. Bethesda, MD, May, 2012.
107. **Does It Hurt When I Do This? Sex Differences in Experimental Pain Responses.** Invited Presentation at the Satellite Meeting of the IASP Special Interest Group on Sex, Gender and Pain. Milan, Italy, August, 2012.
108. **Sex and Gender Differences in Pain Management: Do We Need Pink and Blue Pills?** Invited presentation at PainWeek, Las Vegas, NV, September, 2012.
109. **Quantitative Sensory Testing: Potential for Mechanism-Based Phenotyping.** Invited presentation at the American College of Rheumatology Annual Meeting, Washington, DC, November, 2012.
110. **Sex Differences in Pain Perception and Analgesic Responses.** Invited presentation at the 5<sup>th</sup> SIMPAR Meeting, Pavia, Italy, March, 2013.
111. **Sex Differences in Pain Responses.** Presentation at the Annual Meeting of the American Academy of Pain Medicine. Fort Lauderdale, FL, April, 2013.

112. **Pain Classification: Where to Go from Here?** Invited presentation at ACTION-APS Consensus Conference on Developing a Framework for a Comprehensive and Evidence-Based Pain Taxonomy, Washington, DC, May, 2013.
113. **Chronic Pain in Women: Management Implications.** Invited presentation for “Challenges in the Assessment and Management of Chronic Pain: A Virtual CME Summit Series.” National online program, July, 2013.
114. **Mechanism-Based Approaches to Understanding the Epidemic of Chronic Pain.** Invited presentation at the University of Tromso. Tromso, Norway, August, 2013.
115. **Using Quantitative Sensory Testing for Mechanism-Based Pain Assessment.** Invited presentation at PainWeek, Las Vegas, NV, September, 2013.
116. **Sex, Gender and Pain: Findings and Clinical Implications.** Invited presentation at Pain Medicine Updates 2013. Jacksonville, FL, September, 2013.
117. **Changes in Pain Modulation among Older Adults with Knee Osteoarthritis.** Symposium presentation at the European Federation of IASP Chapters Biennial Congress. Florence, Italy, October, 2013.
118. **Sex Differences in Chronic Pain: Relevance for Abdominal and Pelvic Pain.** Invited presentation at the International Pelvic Pain Society Meeting. Orlando, FL, October, 2013.
119. **Changes in Pain Modulation among Older Adults with Knee Osteoarthritis.** Oral presentation at the Gerontological Society of America Meeting. New Orleans, LA, November, 2013.
120. **Interactions of AVPR1 and Sex in Capsaicin Pain and Vasopressin Analgesia.** Symposium presentation at the Annual Scientific Meeting of the American Pain Society. Tampa, FL, May, 2014.
121. **The Chronic Pain Epidemic: Translational Challenges and Opportunities.** Keynote Address at the Scientific Retreat on Pain Research, South Carolina Clinical and Translational Research Institute, Charleston, SC, May, 2014.
122. **The American Pain Society Research Agenda.** Invited presentation at the 9<sup>th</sup> Annual NIH Pain Consortium Symposium. Bethesda, MD, May 2014.
123. **The AAPT Framework.** Invited presentation at the ACTION-APS Conference on Evidence-Based Pain Taxonomy, Alexandria, VA, July, 2014.
124. **Is Chronic Pain a Women’s Health Issue?** Invited presentation at PainWeek, Las Vegas, NV, September, 2014.



125. **Pain Phenotypes and Interactions with non-Genetic Factors.** Invited presentation at the 15<sup>th</sup> World Congress on Pain, Buenos Aires, Argentina, October, 2014.
126. **Sex Differences in Clinical and Experimental Pain among Younger and Older Adults.** Symposium presentation at the 15<sup>th</sup> World Congress on Pain, Buenos Aires, Argentina, October, 2014.
127. **Measuring Pain Outcomes in Research.** Invited presentation at the annual meeting of the International Pelvic Pain Society, Chicago, IL, October, 2014.
128. **The Basics of a Good Grant.** Invited presentation at the annual meeting of the International Pelvic Pain Society, Chicago, IL, October, 2014.
129. **Mechanism-Based Pain Assessment: Clinical Implications.** Invited presentation at Stanford University School of Medicine. Palo Alto, CA, April, 2015.
130. **The AAPT Pain Taxonomy.** Symposium presentation at the Annual Scientific Meeting of the American Pain Society. Palm Springs, CA, May, 2015.
131. **Why Does It Hurt to Get Old and What Can We Do About It?** Invited presentation at PainWeek, Las Vegas, NV, September, 2015.
132. **Biopsychosocial Contributions to Temporomandibular Disorder and Overlapping Pain Conditions.** Dean's Seminar presented at Oregon Health & Science University, Portland, OR, October, 2015.
133. **Sex Differences in Pain and Analgesia.** Seminar, Department of Pharmacology & Toxicology, Virginia Commonwealth University, Richmond, VA, October, 2015.
134. **Biopsychosocial Contributions to Temporomandibular Disorder and Overlapping Pain Conditions.** Seminar presented at the School of Dentistry, University of Michigan, Ann Arbor, MI, April, 2016.
135. **The AAPT Framework.** Invited presentation at the meeting, Developing the Framework for a Comprehensive and Evidence-Based ACTION-APS-AAPM Pain Taxonomy (AAAPT) for Acute Pain, Washington, DC, April, 2016.
136. **Ethnic Differences in Endogenous Pain Modulation.** Invited presentation at the Annual Scientific Meeting of the American Pain Society. Austin, TX, May, 2016.
137. **The Brain or the Body: What is the Target for Pain Treatment?** Invited presentation at PainWeek, Las Vegas, NV, September, 2016.

138. **Individual Differences in Pain: Understanding the Mosaic that Makes Pain Personal.** Invited Seminar, Department of Orthopedics, Duke University Medical Center, Durham, NC, December, 2016.
139. **Psychological Interventions for Chronic Pain: Cognitive-Behavioral Therapy and Beyond.** Invited Presentation at the Kauai Pain Conference, Kauai, HI, February, 2017.
140. **Racial and Ethnic Disparities in Pain.** Invited Presentation at the Kauai Pain Conference, Kauai, HI, February, 2017.
141. **Building a Solid Training Plan.** Invited presentation at the Pepper OAIC Annual Meeting. Arlington, VA, March, 2017.
142. **Sex Differences in Osteoarthritis Pain.** Symposium presentation at the Spring Pain meeting, Pittsburgh, PA, May, 2017.
143. **Resilience vs. Vulnerability in Chronic Pain.** Invited presentation at PainWeek, Las Vegas, NV, September, 2017.
144. **Exploring Mentor Training Effectiveness Using Mixed Methods.** Paper presentation at the University of New Mexico 10<sup>th</sup> Annual Mentoring Conference. Albuquerque, NM, October, 2017.
145. **Stress and Pain: Reciprocal Relationships.** Invited presentation at the University of Maryland's Center to Advance Chronic Pain Research Annual Symposium. Baltimore, MD, November, 2017.
146. **Personalized Pain Management: How Personal Do You Want to Get?** Invited presentation at the UF Precision Medicine Conference. Orlando, FL, March, 2018.

## **PROFESSIONAL AFFILIATIONS**

American Pain Society, 1987 - present.  
American Psychosomatic Society, 1997 - present  
International Association for the Study of Pain, 1995 - present  
Academy of Behavioral Medicine Research, 2006 - present  
Society for Clinical and Translational Science, 2009 - present  
American Academy of Orofacial Pain, 2012 – 2016  
Gerontological Society of America, 2014 - present