

JENNA L. RIIS

Assistant Professor, Department of Kinesiology and Community Health
University of Illinois at Urbana-Champaign

EMPLOYMENT

Assistant Professor January 2023 - present
Department of Kinesiology and Community Health
University of Illinois at Urbana-Champaign (UIUC)

Assistant Professor July 2017 - December 2022
Department of Psychological Science
University of California, Irvine (UCI)

Affiliated Faculty, Assistant Professor April 2021 - December 2022
Department of Population Health and Disease Prevention
University of California, Irvine

Co-Director January 2021 - December 2022
Institute for Interdisciplinary Salivary Bioscience Research
University of California, Irvine

Early Childhood Mental Health Specialist April 2015 - June 2017
Division of Mental Hygiene
Bureau of Children, Youth, and Families
New York City Department of Health and Mental Hygiene

EDUCATION

Ph.D. Public Health August 2010 - February 2015
Johns Hopkins Bloomberg School of Public Health, Baltimore, MD
Dissertation title: *The biological embedding of early-life adversity: The minimally-invasive measurement of neuroendocrine-immune relations in young children and their moderation by maternal psychological well-being*
Committee Members: Cynthia S. Minkovitz, MD, MPP, Sara B. Johnson, PhD, MPH, Karen Bandeen-Roche, PhD (Committee Chair), Donna Strobino, PhD

M.H.S. Public Health August 2008 - May 2010
Johns Hopkins Bloomberg School of Public Health, Baltimore, MD
Thesis title: *Adolescent Drowsy Driving: The Effects of Adolescent Sleep Hygiene on Driving Ability and Motor Vehicle Crashes*
Advisor: Sara B. Johnson, PhD, MPH

B.A. Psychology August 2001 - May 2005
Boston College, Boston, MA

PUBLICATIONS

Peer Reviewed Journal Articles (*denotes student/mentee)

1. Simon SG*, Jamner JD, Granger DA, Dent AL, **Riis JL**. Hypothalamic-pituitary-adrenal and sympathetic nervous system responses to social evaluative stress in chronic cannabis users and non-users. *Addictive Behaviors*, 2023; 136, 107489.
2. Acevedo AM*, Fortier MA, Campos B, Brown YC*, **Riis JL**. Salivary uric acid reactivity and baseline associations with physiological stress response. *Psychoneuroendocrinology*, 2022; 146, 105948.
3. Simon SG*, Eiden RD, Molnar DS, Huestis MA, **Riis JL**. Associations between prenatal and postnatal substance exposure and salivary C-reactive protein in early childhood. *Neurotoxicology and Teratology*; 2022, 107134.
4. **Riis JL**, Cook SH, Letourneau N, Campbell T, Granger DA, Giesbrecht GF. Characterizing and evaluating diurnal salivary uric acid across pregnancy among healthy women. *Frontiers in Endocrinology*, 2022; 13.
5. Kornienko O, **Riis JL**, Davila M, White NS, Garner PW. Preliminary insights into associations between C-reactive protein and social network dynamics. *Psychoneuroendocrinology*, 2022; 139, 105690.
6. Ahmadi H*, Granger DA, Hamilton KR*, Blair C, **Riis JL**. Censored data considerations and analytical approaches for salivary bioscience data. *Psychoneuroendocrinology*, 2021; 129, 105274.
7. **Riis, JL** Ahmadi H*, Hamilton KR*, Bryce CI, Blair C, & Granger DA. The case for the repeatability intra-class correlation as a metric of precision for salivary bioscience data: Justification, assessment, application, and implications. *Psychoneuroendocrinology*, 2021. 128, 105203.
8. **Riis JL**, Ahmadi H*, Hamilton KR*, Hand T, Granger DA. Best practice recommendations for the measurement and interpretation of salivary proinflammatory cytokines in biobehavioral research. *Brain, Behavior, and Immunity*, 2020.
9. **Riis JL**, Ahmadi H*, Silke O*, Granger SW, Bryce CI, Granger DA. Correspondence between cytomegalovirus immunoglobulin-G levels measured in saliva and serum. *Frontiers in Immunology*, 2020; 11:2095.
10. Lucas T, **Riis JL**, Buchalski Z, Drolet CE, Dawadi A, Granger DA. Reactivity of salivary uric acid in response to social evaluative stress in African Americans. *Biological Psychology*. 2020; 24:107882.
11. **Riis JL**, Bryce CI, Stebbins JL, Granger DA. Salivary total Immunoglobulin G as a surrogate marker of oral immune activity in salivary bioscience research. *Brain, Behavior, and Immunity-Health*, 2020 Jan 1;1:100014.
12. **Riis JL**, Granger DA, Woo H, Voegtline K, DiPietro JA, Johnson SB. Long-Term associations between prenatal maternal cortisol and child neuroendocrine-immune regulation. *International Journal of Behavioral Medicine*, 2020; 1-15.
13. Woerner J, Lucas T, Pierce J, **Riis JL**, Granger DA. Salivary uric acid: Associations with resting and reactive blood pressure response to social evaluative stress in healthy African Americans. *Psychoneuroendocrinology*, 2019; 101, 19-26.

14. **Riis JL**, Bryce CI, Hand T, Bayer J, Matin MJ, Stebbins JL, Kornienko O, Segal SK, van Huisstede L, Granger DA. The validity, stability, and utility of measuring uric acid in saliva. *Biomarkers in Medicine*, 2018; 12(6).
15. **Riis JL**, Bryce CI, Ha T, Hand T, Stebbins JL, Matin M, Granger DA. Adiponectin: Serum-saliva associations and relations with oral and systemic markers of inflammation. *Peptides*, 2017; 91, 58-64.
16. Li M, **Riis JL**, Ghazarian SR, Johnson SB. Income, family context, and self-regulation in 5-year-old children. *Journal of Developmental & Behavioral Pediatrics*, 2017; 38(2), 99-108.
17. Michelson N, **Riis JL**, Johnson SB. Subjective social status and psychological distress in mothers of young children. *Maternal and child health journal*, 2016; 20.10: 2019-2029.
18. Johnson SB, **Riis JL**, Noble K. State of the Art Review: Poverty and the developing brain. *Pediatrics*, 2016; 137(4): peds-2015.
19. **Riis JL**, Granger DA, Minkovitz CS, Bandeen-Roche K, DiPietro JA, Johnson SB. Maternal distress and child neuroendocrine and immune regulation. *Social Science and Medicine*, 2016; 151: 206-214.
20. **Riis JL**, Granger DA, DiPietro JA, Bandeen-Roche K, Johnson SB. Salivary cytokines as a minimally-invasive measure of immune functioning in young children: Correlates of individual differences and sensitivity to laboratory stress. *Developmental Psychobiology*, 2015; 57(2): 153-67.
21. **Riis JL**, Out D, Dorn LD, Beal SJ, Denson LA, Pabst S, Jaedicke K, Granger DA. Salivary cytokines in healthy adolescent girls: Intercorrelations, stability, and associations with serum cytokines, age, and pubertal stage. *Developmental Psychobiology*, 2014; 56(4): 797-811.
22. Johnson SB, Riley AW, Granger DA, **Riis JL**. The science of early life toxic stress for pediatric practice and advocacy. *Pediatrics*, 2013; 131(2): 319-327.
23. **Riis JL**, Grason H, Strobino D, Minkovitz C. State school policies and youth obesity. *Maternal and Child Health Journal*, 2012: 1-8.
24. Daffner KR, Chong H, Sun X, Tarbi EC, **Riis JL**, McGinnis SM, Holcomb PJ. Mechanisms underlying age-and performance-related differences in working memory. *Journal of Cognitive Neuroscience*, 2011; 23(6): 1298-1314.
25. Daffner KR, Sun X, Tarbi EC, Rentz DM, Holcomb PJ, **Riis JL**. Does compensatory neural activity survive old-old age? *NeuroImage*, 2011; 54(1): 427-438.
26. **Riis JL**, Chong H, McGinnis SM, Tarbi, EC, Sun X, Holcomb PJ, Rentz DM Daffner KR. Age-related changes in early novelty processing as measured by ERPs. *Biological Psychology*, 2009; 82(1): 33-44.
27. Wolk DA, Sen NM, Chong H, **Riis JL**, McGinnis SM, Holcomb PJ, Daffner KR. ERP Correlates of item recognition memory: Effects of age and performance. *Brain Research*, 2009; 23(1250): 218-231.
28. Chong H, **Riis JL**, McGinnis SM, Williams DM, Holcomb PJ, Daffner KR. To ignore or explore: Top-down modulation of novelty processing. *Journal of Cognitive Neuroscience*, 2008; 20(1): 120-134.

29. **Riis JL**, Chong H, Wolk DA, Rentz DM, Holcomb PJ, Daffner KR. Compensatory neural activity distinguishes different patterns of normal cognitive aging. *NeuroImage*, 2008; 39(1): 441-454.
30. Daffner KR, Chong H, **Riis JL**, Rentz DM, Wolk DA, Budson AE, Holcomb PJ. Cognitive status impacts age-related changes in attention to novel and target events in normal adults. *Neuropsychology*, 2007; 21: 291-300.

Journal Articles under Review (*denotes student/mentee)

1. Rothman JA, **Riis JL**, Hamilton KR*, Blair C, Granger DA, Whiteson KL. Oral microbial communities in children, caregivers, and associations with salivary biomeasures and environmental tobacco smoke exposure. *mSystems* (under review following the first round of revisions).
2. Gatzke-Kopp LM, **Riis JL**, Piccerillo H*, Ahmadi H*, Granger DA, Blair CB, Thomas EA. Environmental tobacco smoke exposure is associated with increased levels of metals in children's saliva. *Journal Of Exposure Science And Environmental Epidemiology* (provisionally accepted).
3. Goldy SP, Davis N, Corona R, Silke O*, **Riis JL**, Piff PK. A tale of two forests: Comparing distinct positive emotions and biomarkers across familiar and iconic nature. *Journal of Environmental Psychology* (under review).
4. **Riis JL**, Dent AL, Silke O*, Granger DA. Salivary uric acid across child development and associations with weight, height, and body mass index (under review by the NIH ECHO Publications Committee prior to journal submission).

Peer Reviewed Book Chapters

1. **Riis JL**, Chen F, Dent AL, Laurent H, Bryce CI. Analytical Strategies and Tactics in Salivary Bioscience. In: *Salivary Bioscience: Foundations of Interdisciplinary Saliva Research and Applications*. Taylor M & Granger DA (Eds.), Springer (2020).
2. **Riis JL**, Byrne ML, Hernandez LM, Robles T. Salivary Bioscience, Immunity, and Inflammation. In: *Salivary Bioscience: Foundations of Interdisciplinary Saliva Research and Applications*. Taylor M & Granger DA (Eds.), Springer (2020).
3. **Riis JL**, Nikolovski J, Luedtke K, Fishbein D. Public Health and Industry Applications of Salivary Bioscience. In: *Salivary Bioscience: Foundations of Interdisciplinary Saliva Research and Applications*. Taylor M & Granger DA (Eds.), Springer (2020).

HONORS AND AWARDS

- Loan Repayment Program awardee by the National Institutes of Health (NIH; 2022-2024)
- Hellman Fellowship awarded by the University of California, Irvine (UCI; 2020)
- Sommer Scholar awarded by Johns Hopkins Bloomberg School of Public Health (JHSPH; 2011-2014)
- Bernard and Jane Guyer Scholarship awarded by JHSPH (2013)
- Donald Cornely Scholarship awarded by JHSPH (2012)
- Willian Endowment for Excellence in Science Award awarded by JHSPH (2011)
- Phi Beta Kappa Society elected by Boston College (2005)

RESEARCH FUNDING

National Institute of Dental & Craniofacial Research 9/14/22-9/13/23
Title: *Biological and Psychosocial Mechanisms Underlying Oral Inflammation and Disease*
Role: PI
Mechanism: R56

University of California, Irvine
Hellman Fellowship
Title: *Oral Health and Salivary Biomarkers*
Role: PI

National Institutes of Health 9/1/19-2/28/23
ECHO Program Opportunities and Infrastructure Fund (OIF) subaward
Title: *Salivary uric acid, early-life stress, and cardiometabolic health*
Pilot project funded under an umbrella parent grant (PI: Leonardo Trasande, MD, MPP, NYU)
Role: OIF PI

National Institutes of Health 9/1/16-8/31/23
Title: *Early Life Stress and the Environmental Origins of Disease: A Population-based Prospective Longitudinal Study of Children in Rural Poverty (ECHO)*
Role: Co-I

University of California, Irvine 7/1/19- 6/30/20
Initiative to End Family Violence
Title: *Intimate Partner Violence in First- and Second-Generation Latina Immigrants: A Pilot Study*
Role: Co-I

RESEARCH TALKS AND LECTURES (*denotes student/mentee)

1. Silke O*, Simon S*, Sosnowski D, Johnson SB, Granger DA, **Riis JL**. Identifying Group-Based Patterns of Acute Stress Reactivity in Salivary Alpha Amylase and Cortisol in Young Children: Associations with Maternal Psychosocial Risk Factors. *55th Annual Meeting of the International Society for Developmental Psychobiology*, San Diego, November 2022.
2. **Riis JL**. The Biological Embedding of Early-life Adversity: Examining the biopsychosocial interactions underpinning health at the individual and population-level. *University of Illinois Urbana-Champaign*, virtual presentation, June 2022.
3. Simon SG*, Eiden R, Molnar DS, **Riis JL**. The Effects of Prenatal and Postnatal Substance Exposure on C-Reactive Protein, Magnified by Behavioral Problems. *Society for Research in Child Development 2021 Biennial Meeting*, April 2021.
4. **Riis JL**. Salivary Uric Acid, Early-life Stress, and Cardiometabolic Health. *Environmental influences on Child Health Outcomes (ECHO) Program Meeting*, Washington DC, October 2019.
5. **Riis JL**. The Biological Embedding of Early-life Adversity: Using salivary biomarkers to examine
6. bio-behavioral interactions, health, and development. *UCI Center for Demographic and Social Analysis Lecture Series*, Irvine, CA, October 2019.
7. **Riis JL**. Using Salivary Biomeasures to Examine the Biopsychosocial Links between Environmental Risks and Health: Advances from the FLP ECHO Cohort Study. *NYU Center for the Investigation of Environmental Hazards Symposium on Environment and the Brain and the*

NYC ECHO Regional Meeting, New York, NY, March 2019.

8. **Riis JL**. The Biological Embedding of Early-life Adversity: Using salivary biomarkers to examine
9. bio-behavioral interactions, health, and development. *Psychology Department Colloquium*, California State University- Long Beach, Long Beach, CA, November 2018.
10. **Riis JL**. Salivary Uric Acid: Preliminary Findings and Opportunities. *Institute for Interdisciplinary Salivary Bioscience Research Brown Bag*, UCI, Irvine, CA, November 2018.
11. **Riis JL**, Eiden R, Molnar DS, Shisler, S, Huestis MA, Granger DA. Salivary Uric Acid Concentrations in Young Children Exposed to Prenatal Substance Use are Related to Emotion and Behavioral Problems. *The 48th Annual Meeting of the International Society of Psychoneuroendocrinology*, Newport Beach, CA, September 2018.
12. **Riis JL**. The Biological Embedding of Early-life Adversity: Maternal Distress and Child Neuroendocrine & Immune Regulation. Guest lecture at *California State University, Fullerton* for a graduate research design course, Fullerton, CA, October 2017.
13. **Riis JL**, Kaplan L, Mullen S, Berger S. Supporting Child Development with a Community-based, Peer-led Parenting Program. *Annual Research & Policy Conference on Child, Adolescent, and Young Adult Behavioral Health*, Tampa, FL, March 2017.
14. **Riis JL**. The Biological Embedding of Early-life Adversity: Using salivary biomarkers to examine
15. bio-behavioral interactions, health, and development. *Psychology and Social Behavior Department Colloquium*, UCI, Irvine, CA, November 2016.
16. **Riis JL**, Grason H, Strobino D, Minkovitz C. State School Policies and Youth Obesity. *Johns Hopkins School of Public Health, Department of Population, Family and Reproductive Health Research Day*, Baltimore, MD, April 2011.

CONFERENCE POSTERS (*denotes student/mentee)

1. Simon SG*, Jamner LD, **Riis JL**. Salivary Cortisol and Alpha-amylase Responses to Psychosocial Stress in Frequent Cannabis Users. *American Psychosomatic Society*, March 2022.
2. Silke O*, Ahmadi H*, Johnson SB, Granger DA, **Riis JL**. Stress-related Neuroendocrine-Immune Function and Asthma in Young Children. *Society for Research in Child Development 2021 Biennial Meeting*, April 2021.
3. Majeno A*, Granger DA, **Riis JL**. Exploratory Factor Analysis of Biomeasures in Serum and Saliva and their Association with Self-Reported Health. *American Psychosomatic Society Annual Meeting*, December 2020.
4. Mariko H*, Herting M, **Riis JL**, Uban K. The Role of Birth Size in Pubertal Hormone Levels and Cortical Brain Development in US-based Adolescents. *International Society for Developmental Psychobiology*, November 2020.
5. Carlos K*, Uban K, **Riis JL**. Biopsychosocial Indicators of Suicide Risk in Medical Students. *American Association of Suicidology Annual Conference*, April 2020 (conference canceled).
6. Silke O*, Granger DA, Bryce CI, Ahmadi H*, Granger SW, **Riis JL**. Correspondence between Cytomegalovirus IgG Titers Measured in Saliva and Serum. *Annual Meeting of the American Psychosomatic Society*, March 2020 (conference canceled).

7. Esslinger J*, Agbayani C*, Stauffer T*, Schoebi D, **Riis JL**. Time-Stamped Sample Collection in Salivary Bioscience Field Research: Problems and Pitfalls. *Institute for Interdisciplinary Salivary Bioscience Research Virtual Salivary Bioscience Conference*, March 2019.
8. Piccerillo H*, Smith K, **Riis JL**, Granger DA. Assessing Human ProInflammatory Cytokines in Saliva by Multiplex Electrochemiluminescent Immunoassay. *Institute for Interdisciplinary Salivary Bioscience Research Virtual Salivary Bioscience Conference*, March 2019.
9. Stauffer TD*, Granger DA, **Riis JL**. Multiplex Measurement of Cytokines in Saliva using Mesoscale Discovery: Effects of Collection Technique, Cold Chain Management, Storage and Handling. *Institute for Interdisciplinary Salivary Bioscience Research Virtual Salivary Bioscience Conference*, March 2019.
10. Chen TD*, Kornienko O, Granger DA, **Riis JL**. Salivary Uric Acid, Salivary Testosterone, and Sense of Power. *Institute for Interdisciplinary Salivary Bioscience Research Virtual Salivary Bioscience Conference*, March 2019.
11. **Riis JL**, Granger DA, Woo H, Voegtline, K, DiPietro JA, Johnson SB. Long-term Associations between Prenatal Maternal Cortisol and Child Neuroendocrine-Immune Regulation. *2018 Interdisciplinary Association for Population Science Conference*, October 2018.
12. **Riis JL**, Kaplan L, Mullen S, Berger S. Supporting Child Development with Community-based, Peer-lead Parenting Programs. *The Society for Research in Child Development's Biennial Meeting*, April 2017.
13. Kull M, Davila M, McVeigh K, **Riis JL**, Yoon C. Domains of Environmental Risk and Socioemotional Wellbeing Among New York City Children. *The Society for Research in Child Development's Biennial Meeting*, April 2017.
14. **Riis JL**, Granger DA, Minkovitz CS, Bandeen-Roche K, DiPietro JA, Johnson SB. Maternal Distress and Child Neuroendocrine and Immune Regulation. *Shaping the Developing Brain: Prenatal through Early Childhood Fifth Annual Aspen Brain Forum*, 2014.
15. Ma S, Knauer H, **Riis JL**, Strobino D, Minkovitz C. Changes in Children's Exposure to Secondhand Smoking across States, 2003 to 2007. *Pediatric Academic Societies Annual Meeting*, 2012.
16. **Riis JL**, Grason H, Strobino D, Minkovitz C. State School Policies and Youth Obesity. *Association of Maternal and Child Health Programs, Annual Conference*, 2012.
17. **Riis JL**, McGinnis SM, Chong H, Wolk DA, Rentz DM, Holcomb PJ, and Daffner KR. Does Compensatory Neural Activity Survive Old-old Age? *Cognitive Neuroscience Society, Annual Meeting*, 2008.
18. **Riis JL**, Chong H, Wolk DA, McGinnis SM, and Daffner KR. Age-related Changes in Early Processing of Visual Novelty Oddball Stimuli as Indexed by the P2 Component. *Cognitive Neuroscience Society, Annual Meeting*, 2007.

INFORMAL PRESENTATIONS AND OUTREACH

Speed Mentoring Lunch. Mentor at the 48th Annual Meeting of the International Society of Psychoneuroendocrinology, Newport Beach, CA, September 2018.

Graduate Student Colloquium. Discussant at the Psychology and Social Behavior Department Colloquium, UCI, Irvine, CA, April 2018.

Salivary Bioscience and Sleep and Circadian Research. Presentation at the UCI Sleep and Circadian Neuroscience Symposium, Irvine, CA, March 2018.

Advancing Public Health through Salivary Bioscience. Presentation for UCI Social Ecology Development Office, Irvine, CA, February 2018.

TEACHING EXPERIENCE

Instructor, *Spit Camp I*, Institute for Interdisciplinary Salivary Bioscience Research, UCI (postdoctoral scholars/faculty), Fall 2017-present (104 students)

Instructor, *Field Study*, UCI (undergraduate), Spring 2018 (22 students); Winter 2019 (19 students); Spring 2020 (23 students); Winter 2021 (22 students); Fall 2021 (10 students)

Instructor, *Salivary Bioscience Data Analysis*, UCI (graduate), Spring 2018 (5 students); Spring 2020 (8 students)

Instructor, *Health Psychology*, UCI (undergraduate), Fall 2017 (369 students); Fall 2018 (195 students); Spring 2020 (206 students); Fall 2020 (214 students); Fall 2021 (131 students)

Instructor, *Salivary Bioscience*, UCI (graduate), Winter 2019 (8 students); Winter 2021 (11 students)

Co-instructor, *Salivary Bioscience*, UCI (graduate), Winter 2018 (9 students)

GRADUATE AND UNDERGRADUATE RESEARCH SUPERVISION

Completed Doctoral Students

Kathleen Carlos, PhD (Committee Co-chair, co-mentor, UCI), August 2020

Jacqueline Esslinger, PhD (Committee member, co-supervisor, Université de Fribourg), December 2020

Shauna Simon (Committee Chair, Advancement Committee Chair, Master's Thesis reader; UCI), August 2022

Graduate Student Committee Memberships

Crystle Agbayani (Advancement Committee member; UCI)

Vida Rebello (Advancement Committee member; UCI)

Lilian Li (Master's Thesis Committee reader, UCI)

Adebisi Akinyemi (First Year Concept Paper reader & Master's Thesis Committee reader, UCI)

Amandeep Kaur (Master's Thesis Committee reader, UCI)

Independent Undergraduate Research

Directed Studies, UCI, Spring 2018, Fall 2019, Winter 2020 (4 students); Spring 2021 (3 students)

Summer Undergraduate Research Fellowship, UCI, Spring 2018 (1 student)

Independent Graduate Research

Angelina Majeno (supervisor, UCI PhD student)

Vida Pourmand (supervisor, UCI PhD student)

Olivia Silke (co-mentor, UCI PhD student)

Chloe Quinlin (co-supervisor, UCLA Masters student)

Postdoctoral Scholars

Hedyeh Ahmadi, PhD (co-supervisor, 2019-2021)

Katrina Hamilton, PhD (co-supervisor, 2019-2021)

SOCIETY MEMBERSHIP

Interdisciplinary Association for Population Health Science (2018-present)

PROFESSIONAL SERVICE

Executive Committee Member, the Family Life Project (a National Institutes of Health Environmental influences on Child Health Outcomes (ECHO) Program cohort study), 2020-present.

Conference Abstract Reviewer, Interdisciplinary Association for Population Health Science 2020 Annual Meeting

Member, Local Organizing Committee for the 48th Annual Meeting of the International Society of Psychoneuroendocrinology, July 2017 - September 2018.

Ad-hoc reviewer: *Psychoneuroendocrinology, Psychiatry Research, Eating Behaviors, Hormones and Behavior, Journal of Adolescent Health, Developmental Psychobiology, Journal of Neuroimmunology, Biological Psychology, International Journal of Behavioral Medicine, Journal of Affective Disorders, Developmental Science, Learning Disabilities, Antioxidants, Brain Behavior and Immunity, Journal of Clinical Medicine, Child Development, Scientific Reports, Stress, Biomarkers in Medicine, Brain, Behavior, & Immunity- Health, Frontiers Psychiatry, Psychophysiology, BMC Pediatrics, Comprehensive Psychoneuroendocrinology, Biological Research for Nursing, Journal of Diabetes Investigation*

EDITORIAL SERVICE

Subsection Editor, *Salivary Bioscience: Foundations of Interdisciplinary Saliva Research and Applications*. Taylor M & Granger DA (Eds.), Springer, July 2017-January 2020.

CAMPUS, SCHOOL, AND DEPARTMENTAL SERVICE

Campus

Institute for Interdisciplinary Salivary Bioscience Research Co-Director, UCI, January 2021-December 2022

Academic Senate, Campus wide Honors Collegium Board Member, UCI, Fall 2020-December 2022

Center for Population, Inequality, and Policy Seminar Organizing Committee Member, UCI, Fall 2021-Spring 2022

Institute for Interdisciplinary Salivary Bioscience Research Spit Camp II Organizer, UCI, 2017-2022

Phi Beta Kappa Nominating Committee Member (UCI Chapter), Spring 2020 & 2021

Institute for Interdisciplinary Salivary Bioscience Research Virtual Salivary Bioscience Conference, Abstract Reviewer, UCI, Spring 2019

School

Social Ecology Core Program Advisory Board Member, UCI, Fall 2018-December 2022

Department

Space Committee Member, UIUC, Spring 2023-present

Merits and Promotions Committee Member, UCI, Winter 2019-December 2022

Graduate Student Admissions Committee Member, UCI, 2019, 2021, 2022

Health Psychology Comprehensive Exam Grader, UCI, Fall 2017, 2018, 2019, 2020, 2021

Graduate Affairs Committee Member, UCI, Fall 2019-2020

Graduate Student Awards Committee Member, UCI, Fall-Spring 2018

Faculty Search Committee Member, UCI, Fall-Winter 2017

Merits and Promotions Committee (observer), UCI, Fall 2017