

Name	Area of Scholarship	Potential Projects	Do you have data sets available? If yes (sample size; type of data (acti, psg, self report); biomarkers?	Do you need help analyzing data? If yes what expertise is needed?	Available to mentor graduate student, fellow?	Contact info
Molly Billings	OSA Epidemiology; Sleep health disparities; OSA and environmental influences	CPAP adherence & SES; Air pollution and Sleep metrics	LEAP: 150 subjects survey; MESA SLEEP & AIR	yes -- advanced statistical modeling with the MESA SLEEP & AIR	Yes	mebillin@uw.edu
Diana Buchanan	Comorbid insomnia in arthritis, IBS, HIV; sleep and menopause, actigraphy methods; yoga and cognitive behavioral therapy	Brief behavioral treatment for insomnia in persons with HIV; power spectral analyses of sleep EEG in persons with IBS	Yes. Sleep questionnaires - persons with HIV (N=12); sleep questionnaires & actigraphy - persons with arthritis (N=17). Can help facilitate application to use MsFLASH actigraphy data (N=207).	Not currently	On a limited basis	dmtaibi@uw.edu
Eeseung Byun	Inflammation, genetic variations (e.g., cytokine, circadian and metabolic genes), sleep	Role of inflammation and genetic variation in inflammation-associated genes on sleep in subarachnoid hemorrhage		Actigraphy and polysomnography analysis	yes	ebyun@uw.edu
Lucas Donovan	Health Services Research in Sleep and Lung Disease	1. System and patient level predictors of long-term benzodiazepine use in veterans with comorbid COPD and PTSD 2. Mortality risk of benzodiazepine use in veterans with comorbid COPD and PTSD	Yes, VA administrative data compiled by mentor Dr. Eric Hawkins; Sample size ~54,000	Not currently	No, currently fellow	ldonovan@uw.edu
Vishesh Kapur	Diagnosis and treatment of OSA, Epidemiology of OSA, Economics of OSA, Patient centered outcomes research	RCT on home testing, Myapnea.org, Sleep Heart Health Data and others	multiple data sets available to query		yes	vkapur@uw.edu
Sina Gharib	Molecular and systems biology of sleep disorders	Multi-omics analysis of sleep phenotypes	multiple data sets available through ongoing collaborative projects	computational biology, statistics, programming	yes	sagharib@uw.edu
Flavia Consens	overlap sleep on other medical conditions, outcomes	sleep and pain, sleep in perioperative environment	limited	yes	yes	fconsens@uw.edu
Barb McCann	CBT-i, insomnia, CPAP Adherence, hypnotic effects on sleep architecture, tapering off hypnotics during CBT-i					mccann@uw.edu
Sue McCurry	behavioral interventions for sleep in aging adults with comorbidities, including dementia, caregiving, osteoarthritis pain, and menopausal VMS		actigraphy, self-report, sample sizes ranging from n=36 to n=367	Not currently	possibly	smccurry@uw.edu
Brian Palen	Hypoventilation, VA patient care improvement	ALS & hypoventilation (BIPAP therapy); PTSD & CPAP adherence; Quality improvement projects on CPAP and veteran CareProject on education of non-sleep providers via tele-medicine and impact on practice.			yes	brian.palen@va.gov
Elizabeth Parsons	CPAP delivery/implementation, CPAP desensitization, post ICU sleep	VA-based clinical/QI data on CPAP desensitization (surveys/downloads)			yes	parsonse@uw.edu
Maya Sardesai	Airway, sleep surgery, voice, Swallowing	Preop and postop questionnaire data				sardesai@uw.edu
Jean Tang	Audio-visual stimulation (AVS) for symptom management	AVS for sleep promotion; AVS for cognitive enhancement	n=30 (actigraphy, self-report, QEEG)	Actigraphy, cosinor analysis	Yes	jeantang@uw.edu
Nate Watson	twins, genetics, sleep duration	twin research, gene x environment interactions	WSTR, washington state twin registry data	We need a twin structural equation modeling biostatistician	Possibly	nwatson@uw.edu
Ed Weaver	sleep apnea clinical epidemiology and outcomes research	Sleep apnea treatment outcomes projects	secondary analysis and cohort data			eweaver@uw.edu
Michael Vitiello	sleep, circadian rhythms and cognition in aging	sleep and pain relationships in osteoarthritis	secondary analysis of RCT of CBT involving self reported sleep and pain in 370 older adults with comorbid insomnia and osteoarthritis	depends on the research question to be addressed	possibly, fellow or junior faculty preferred	vitiello@uw.edu