

# OCTRI Scholars List

OCTRI Scholars are anyone at OHSU or the Portland VA who has current or recent career development award. This includes VA CDA, NIH K awards, and career development awards through professional or funding groups like the American Heart Association or American Cancer Society.

*Listed alphabetically by year awarded*

## 2025 – OCTRI SCHOLARS

**Bittar, Mohammad**, “Chronic Pain Mechanisms in Axial Spondyloarthritis” (K12 HEAL NINDS)

**Call, Cody**, “A novel role for cell cycle regulators in oligodendrogenesis and myelination” (K99 NINDS)

**Dufford, Alexander**, “Examining the Dynamics of Perceived Stress, Sleep Quality, and Mood Symptoms across the Early Postpartum Period” (K12 BIRCWH)

**Foster, Erin**, “Improving Outcomes for Patients with Vulvovaginal Lichen Planus” (K12 BIRCWH)

**Levander, Ximena**, “” (K12 COSTAR)

**Mitchell, Julie**, “Targeting Tfh differentiation to increase the magnitude and durability of antibody responses in infant rhesus macaques after SHIV infection” (K01 NIAID)

**Parida, Satyabrata**, “Central auditory processing of natural sound category following sensorineural hearing loss” (K99 NIDCD)

**Peng, Linda**, “Peer Engagement in Stimulant Harm-Reduction with Contingency Management (PEER-CM)” (K12 COSTAR)

**Roberts Davis, Mary**, “Leveraging Informatics to Optimize Cardiovascular Risk Prediction in Women” (NHLBI K01)

**Samuelson Bannow, Bethany**, “PAI-1, tPA, TFPI and Endometrial Endothelial Cells in Uterine Hemostasis” (K08 NHLBI)

## OCTRI SCHOLARS CONTACTS

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## BECOME A SCHOLAR

Career development awardees from OHSU or the Portland VA are designated as an OCTRI Scholar. Contact Melissa Mudd for more information.

<https://www.ohsu.edu/octri/octri-scholars-program-facilitating-research-independence>

**Shafer, Brooke**, “Uncovering the impact of circadian misalignment on sex-specific mechanistic pathways affecting cardiometabolic health” (K12 BIRCWH)

**Sloane, Bethany**, “Bridging the Gap: Implementing A Powered Mobility Intervention into Early Childhood Settings for Young Children with Cerebral Palsy (GMFCS IV-V)” (K23 NICHD)

## 2024 – OCTRI SCHOLARS

**Arneson-Wissink, Paige**, “Elucidating the role of hepatic ketogenesis in pancreatic cachexia and recovery” (NCI K99)

**Avasare, Rupali**, “Mechanisms of autoimmune dysregulation in lipoic acid users at risk for NELL1 membranous nephropathy” (NIDDK K23)

**Croff, Raina**, “The SHARP Study: Developing Acceptability, Feasibility, and Fidelity of a Reminiscence-based Cognitive Health Intervention Across Three Black American Communities” (NIA K01)

**Hebert, Jessica**, “Determining mechanisms of longitudinal reproductive impact following recovered maternal AKI” (KL2 NIH/NCATS (OCTRI))

**Hornick, Noah**, “The role of androgens in differentiating checkpoint-induced and spontaneous lichenoid skin disease” (KL2 NIH/NCATS (OCTRI))

**Levander, Ximena**, “Needs Assessment for intervention development and evaluation to support patients with Perinatal Substance Use” (K12 COSTAR)

**Lupton, Joshua**, “Optimizing the Timing and Route of Antiarrhythmic Administration in Out-of-Hospital Cardiac Arrest” (NHLBI K23)

**Lyons, Patrick**, “SPOT-IT: Sepsis Prediction in Oncology Through Implementation Science and Technology” (NCI K08)

**Sauter, Kristin**, “Impact of estrogen replacement therapy on bone health in an aging population of women living with HIV” (NIAID K01)

**Spencer, Hunter**, “Dried Blood Spot Testing in Peer-assisted, Telemedicine-based Hepatitis C Treatment” (KL2 NIH/NCATS (OCTRI))

**Vasquez Guzman, C. Estela**, “Assess and Design a Multi-level Intervention with Middle to Older Age Mexican Immigrants to Increase Cervical Cancer Screening in Community Health Clinics” (NCI K01)

**Wilechansky, Robert**, “The influence of diet and lifestyle on metabolic profiles and cirrhosis risk” (CTO Research Award, American Association for the Study of Liver Diseases Foundation)

**Wolf, De'Sha**, “Culturally and Structurally Adapted Chronic Pain Self-Management Program for Young Black Adults” (NCCIH K01)

**Wolters, Rachael**, “Discovery and characterization of protective Influenza Type B Virus neuraminidase antibodies” (NIHOD K01)

**Yu, Wesley**, “BOOST: Better Oncology Outcomes Through Statin Treatment” (VA CDA2)

## 2023 – OCTRI SCHOLARS

**Butler, Corwin**, “Role of hippocampal interneurons in aberrant neurogenesis and epilepsy after traumatic brain injury” (VA CDA2)

**Chamberlin, Steven**, “Network models to capture multiple outcomes resulting from multi-component, salutogenic interventions” (NCCIH K08)

**Crossland, Adam**, “Determining the impact of prenatal cannabis exposure on offspring lung development and function in a non-human primate model” (K12 WRHR)

**Davies, Alexander**, “Targeting ERK-AKT-mediated single-cell drug response heterogeneity in metastatic osteosarcoma” (NIHOD K01)

**Garinis, Angie**, “Novel Kinematic Analyses for Detection for Aminoglycoside-Induced Vestibular Loss” (KL2 NIH/NCATS (OCTRI))

**Go, Mitzi**, “Feasibility Study on Lung Growth and Function after Antenatal Steroid Exposure in Late Preterm Infants” (KL2 NIH/NCATS (OCTRI))

**Grigsby, Kolter**, “A circuit-driven evaluation of the use of physical activity interventions to improve binge-like ethanol drinking” (NIAAA K99)

**Jay, Taylor**, “Investigating novel mechanisms that underlie glial-mediated synapse elimination in development and aging” (NINDS K99)

**Kaplan, Josh**, “Feasibility and acceptability of stress induction, physiological data collection, and Mindfulness-Based Stress Reduction among combat veterans with PTSD” (KL2 NIH/NCATS (OCTRI))

**Kawa, Alexander**, “Nucleus accumbens cholinergic interneurons and cue-induced cocaine craving” (NIDA K99)

**Lachowicz, Curtis**, “Identifying and targeting measurable residual disease following azacitidine and venetoclax therapy in acute myeloid leukemia” (KL2 NIH/NCATS (OCTRI))

**Liberty, Abigail**, “Androgenic Progestins and Breast Health” (K12 WRHR)

**Neilson, Lee**, “Biomarkers of disease severity and progression in Parkinson's” (VA CDA2)

**Peterson, Jaime**, “Latino School Readiness: Engaging Pediatric and Early Childhood Systems to Adapt and Pilot Family Centered Primary Care Interventions” (AHRQ K08)

**Rubin, Elizabeth**, “The impact of high-dose androgens on non-human primate follicular development, oocyte quality, and preimplantation embryo development and genetics” (Women's Reproductive Health Research (WRHR) K12)

**Scott, Gregory**, “Early pathogenesis and diagnosis of Parkinsons Disease in peripheral tissues” (VA CDA2)

**Sheridan, David**, “Detecting Adolescent Suicidality Biometric Signals and Dynamic Variability with Wearable Technology” (NIMH K08)

**Sloane, Bethany**, “Feasibility of a powered mobility intervention for young children with cerebral palsy, Gross Motor Function Classification System Level V” (KL2 NIH/NCATS (OCTRI))

**Speers, Alex**, “Safety, tolerability, and pharmacokinetics of an oral Withania Somnifera product in older adults” (KL2 NIH/NCATS (OCTRI))

## 2022 – OCTRI SCHOLARS

**Andres, Sarah**, “The Role of the RNA Binding Protein IMP1 in Intercellular Communication and Necrotizing Enterocolitis” (NIDDK K01)

**Bennett, Neal**, “Metabolic Vulnerability and Effects of APOE in Human Neurons with Impaired Endocytic Recycling” (NIA K01)

**Chan, Brian**, “Identifying High Utilizing Patients with Opioid Use Disorder to Engage in Primary Care” (NIDA K23)

**Chirco, Katie**, “Establishing a novel gene editing strategy for BBS7 using human retinal organoids” (NEI K99)

**Cook, Ryan**, “Transporting treatment effects from clinical trials to real-world populations with co-occurring opioid and stimulant use disorders” (NIDA K01)

**Dale, Marian**, “Cerebellar TMS for Postural Instability in Progressive Supranuclear Palsy” (NINDS K23)

**Franca, Cristiane Miranda**, “Engineering Immunomodulatory Scaffolds for Dental Pulp Regeneration” (NIDCR K01)

**Vasquez Guzman, C. Estela**, “Examining the Lived Expertise of Middle to Older Age Latina Women with Cervical Cancer to address the Social, Cultural, and Structural Barriers driving Inequities” (K12 BIRCWH)

**Hsu, Ching-Yun**, “TIAM1 Dictates Lineage Commitment in Skeletal and Soft Tissue Pericytes” (NIDCR K08)

**Johnstone, Jeanette**, “Optimizing Research Methodology in a Multinutrient Study of Racially and Ethnically Diverse Children with ADHD and Emotional Dysregulation” (NCCIH K23)

**Kang, Yunsik**, “How Do Astrocytes Remodel Neural Circuits?” (NINDS K99)

**Koerner, Tess**, “Effects of Non-Blast mTBI on Binaural Processing and Speech Understanding in Noise” (VA CDA2)

**Lyons, Patrick**, “SOUL (Sepsis in Oncology: Understanding the Landscape)” (KL2 NIH/NCATS (OCTRI))

**Mealer, Robert**, “Synaptic dysglycosylation caused by the schizophrenia-risk variant in SLC39A8” (NIMH K08)

**McCane, Aqilah**, “Modeling age-specific computational strategies during reward seeking” (NIAAA K99)

**Nikolova, Olga**, “Joint Differentiation-State Plasticity and Genetic Diversity Modeling to Predict Response and Improve Efficacy of Drug Combination Therapy” (NCI K22)

**Petrik, Amanda**, “The Use of Predictive Modelling to Reduce Colonoscopy Over-Surveillance in Aging Adults” (PACT-K12 Patient Centered Learning Health Systems OHSU/Kaiser)

**Redd, Travis**, “Applications of artificial intelligence to the diagnostic evaluation of infectious keratitis” (NEI K23)

**Roberts Davis, Mary**, “Gender Differences in Symptoms and Antecedent Healthcare Utilization in Stage C Heart Failure: A Mixed Methods Study” (K12 BIRCWH)

**Samuelson Bannow, Bethany**, “The role of PAI-1, tPA, TFPI and endometrial endothelial cells in uterine hemostasis in humans” (K12 BIRCWH)

**Saultz, Jennifer**, “Overcoming Venetoclax Resistance through Modulation of Blast Differentiation State and HLA-E” (ASH Scholar Award)

**Schenning, Katie**, “Optimizing anesthesia to prevent postoperative cognitive and functional decline in older adults” (NIA K76 Emerging Leaders Career Development Award)

**Shree, Tanaya**, “Dynamic Analysis of Tumor and Microenvironment in Patients Undergoing Immunotherapy” (NCI K08)

**Tibbitts, Deanne**, “Examining Sex and Gender Differences in Symptomatic Immune-Related Adverse Events during Cancer Immunotherapy” (K12 BIRCWH)

**Varley, Cara**, “Mycobacterium avium complex Core Outcomes Research (MACCOR)” (NHLBI K23)

**Weiss, Alison**, “Biomarkers of Inflammation, Neurodegeneration and Age-Associated Cognitive Impairment” (NIA K01)

**Worth, Patrick**, “Rapid Metastatic Recurrence in Pancreatic Cancer” (NIH/NCI Early-Stage Surgeon Science Program)

**Wright, Kirsten**, “Longitudinal Characterization of Nutritional Behavior Using Unobtrusive Digital Technology in Aging, Alzheimer's and Related Disorders” (NIA K23)

## 2021 – OCTRI SCHOLARS

**Au-Yeung, Michael**, “Agitation in Alzheimer’s disease: Identification and Prediction Using Digital Behavioral Markers and Indoor Environmental Factors” (NIA K25)

**Bowles, Nicole**, “Role of the Circadian Rhythm on Endocannabinoid Response to an Acute Stress” (NHLBI K01)

**Bruegl, Amanda**, “Utilization of cervical cancer prevention tools and role of high-risk HPV type in the persistent cervical cancer disparities experienced by American Indian/Alaska Native women” (NCI K08)

**Collins, Kelly**, “A Collaborative Framework for Modular Brain-Computer Interface” (K12 Clinical Scientist Institutional CDA)

**De Anda, Stephanie**, “Building a Vocabulary: Lexical-semantic Development in Latino Children with Early Language Delay” (NIDCD K23)

**Downing, Jae**, “Substance Use and Gender-Affirming Care in Oregon’s Medicaid Program” (NIDA K01)

**Eil, Robert**, “Targeting an Unrecognized Checkpoint on T cell Function in Tumors” (NCI K08)

**Hope, Aluko**, “Cognitive-Motor Interference Assessment for Improving Neurologic and Physical Disability Outcomes (CAMINANDO) in Survivors of Severe Acute Respiratory Failure” (NHLBI K01 – transfer)

**Jimenez, Vanessa**, “Identification of Epigenetic Targets in Alcohol Adrenal Allostasis” (NIAAA K99)

**Laguerre, Aurelien**, “Chemical Biology Tools for Investigating Heteromeric Complexes of Cannabinoid Receptors” (NIGMS K99)

**Levander, Ximena**, “Telemedicine for Treatment of Opioid Use Disorder in the OHSU Health System” (PACT-K12 Patient Centered Learning Health Systems OHSU/Kaiser)

**Peterson, Jamie**, "The Latino School Readiness Gap: Engaging Parents, Educators, and Pediatricians in Novel Primary Care Solutions" (K12 Patient Centered Learning Health Systems OHSU/Kaiser)

**Riddle, Artur**, "Mechanisms of Hippocampal Dysmaturation in Murine Hypoxia Model of Preterm Brain Injury" (NINDS K12)

**Vasquez Guzman, C. Estela**, "Taking a Life Course Perspective to Examine Critical Points of Intervention for Migrant Latinx Immigrant Women diagnosed with Cervical Cancer" (KL2 NIH/NCATS (OCTRI))

**Wolf, De'Sha**, "Interrupting the pain-stress-reactivity cycle in African American women with chronic pain" (KL2 NIH/NCATS (OCTRI))

**Zaccari, Belle**, "A Learning Health Systems Examination of Virtually Delivered Complementary and Integrative Health Interventions for Veterans with Chronic Pain and PTSD" (PACT-K12 Patient Centered Learning Health Systems OHSU/Kaiser)

## 2020 – OCTRI SCHOLARS

**Abdulhaqq, Shaheed**, "Advancing MHC-E-Restricted T Cells as a Universal Immunotherapeutic" (NIH K01)

**Alday, Phil**, "Development of new drugs for Toxoplasma gondii by advancing hits from the Global Health Chemical Diversity Library" (VA BLR&D CDA2)

**Barajas, Ramon**, "Defining the Hypoxic Immunosuppressive Microenvironment as a Biomarker of Therapy Efficacy in Glioblastoma Using Iron Oxide Enhanced FMISO PET/MRI" (NCI K08)

**Cook, Ryan**, "Transporting treatment effects from clinical trials to people with concurrent methamphetamine and opioid use" (K12 Patient Centered Learning Health Systems OHSU/Kaiser)

**Dale, Marian**, "Cerebellar TMS for postural instability in progressive supranuclear palsy" (KL2 NIH/NCATS (OCTRI))

**Downing, Jae**, "Substance Use and Gender-Affirming Care in Oregon's Medicaid Program" (K12 BIRCWH)

**Erickson, Elise**, "The Clock is Ticking: Epigenetic Age Acceleration as a Biomarker of Uterine Function in Pregnancy" (NINR K99)

**Fernandez, Alejandra**, "The Role of Pten on Primary Sensory Neuron Development" (VA CSR&D CDA2)

**Goodman, Julia**, "Identifying and addressing work-related determinants of maternal and child health" (K12 BIRCWH)

**Grossberg, Aaron**, "Hepatic Metabolic Reprogramming Drives Pancreatic Cancer Cachexia" (NCI K08)

**Friedman, Marcia**, "Endothelial cell biomarkers in the diagnosis of giant cell arteritis" (KL2 NIH/NCATS (OCTRI))

**Henkle, Emily**, "Evaluating patient-reported outcomes for pulmonary nontuberculous mycobacterial disease" (NHLBK K01)

**Hinson, Holly**, "Predictors of Low-Risk Phenotypes after Traumatic Brain Injury Incorporating Proteomic Biomarker Signatures" (NINDS K23)

**Karamooz, Elly**, "MR1-Dependent Presentation of Mycobacterium Tuberculosis: A Unique Role for Calcium Signaling" (NIAID K08)

**Nelson, Jonathan**, "Renal Pericytes as a target for Angiotensin II Signaling in Hypertension" (NIDDK K01)

**Silbermann, Elizabeth**, "Retinal Microvasculature as a Predictor of Neurodegeneration in Multiple Sclerosis" (VA CDA2)

**Thompson, Reid**, "Quantifying and improving radiotherapy outcomes among Veterans" (NINDS K01)

**Laguerre, Aurelien**, "Chemical Biology Tools for Investigating Heteromeric Complexes of Cannabinoid Receptors" (NIGMS K99)

**Momeni, Stephanie**, "Novel Small Molecule Biosynthetic Gene Clusters in Streptococcus Mutans and Virulence of Dental Caries" (NIDCR K99)

**Vranas, Kelly**, "Optimizing Critical Care among Patients with Acute Respiratory Failure: A Mixed-Methods Study" (VA HSR&D CDA2)

**Watanabe-Smith, Kevin**, "Assessing the Power of Primary Drug Screens to Predict Clinical Response" (NCI K99)

**Weinhouse, Caren**, "Understanding the Causes of DNA Methylation Response to Methylmercury: A Novel Approach to Quantify Genetic, Environmental, and Stochastic Factors" (NIEHS K01)

**Williams, Cydni**, "Sleep Management and Recovery after Traumatic Brain Injury in Kids (SMART-KIDS): Evidence for Targeting Sleep to Improve Outcomes" (NHLBI K23)

**Wooliscroft, Lindsey**, "Aerobic exercise to improve mobility in multiple sclerosis: optimizing design and execution for a full-scale multimodal remyelination clinical trial" (NICHD K23)

**Wyse, Jessica**, "Expanding access to opioid use disorder treatment with buprenorphine in rural primary care settings" (VA HSR&D CDA2)

**Zhu, Jane**, "Mental health provider networks in Medicaid and implications for care utilization and health outcomes" (NIMH K08)

## 2019 – OCTRI SCHOLARS

**Balmer, Timothy**, "Identification of inputs to unipolar brush cells and their roles in multisensory processing" (NIH/NIDCD K99)

**Barajas, Ramon**, "Therapeutic Efficacy by Modulating and Characterizing Glioblastoma Neuroinflammation" (KL2 NIH/NCATS (OCTRI))

**Bowles, Nicole**, "Role of the circadian system in endocannabinoid responses to an acute stress" (KL2 NIH/NCATS (OCTRI))

**Braun, Ted**, "Epigenetics of Mutation-Order-Dependent Phenotypes in Myeloid Leukemia" (KL2 NIH/NCATS (OCTRI))

**Chen, Jason**, "Enhancing Social Connectedness among Veterans at High Risk for Suicide through Community Engagement" (VA HS&D CDA 2)

**Elliott, Jonathan**, "A Sleep Intervention to Improve Rehabilitation in Veterans with Chronic Mild TBI" (VA RR&D CDA2)

**Fugolin, Ana Paula**, "Novel Strategies for Self-Healing Dental Materials" (NIDCR K99)



**Gustafsson, Hannah**, “Prenatal and Early Life Predictors of Child Psychopathology” (NIMH K01)

**Ivlev, Ilya**, “Evidence-based De-Implementation of Low-Value Care in a Learning Health System” (K12 Patient Centered Learning Health Systems OHSU/Kaiser)

**Jordan, Brian**, “Trajectories in Lung Function in Extremely Premature Infants” (KL2 NIH/NCATS (OCTRI))

**Jordan, Brian**, “Trajectories in Lung Function in Extremely Premature Infants” (NHLBI K23)

**Klawetter, Susanne**, “Integrated Behavioral Health Support for OHSU NICU Families” (K12 Patient Centered Learning Health Systems OHSU/Kaiser)

**McHill, Andrew**, “Uncovering Circadian Mechanisms of Poor Cardiometabolic Health” (NHLBI K01)

**Miller, Lyndsey**, “Intra-Individual Dynamics of Stress and Health among Informal Dementia Caregivers” (NIA K01)

**Morales, Angelica**, “Neurobiological Mechanisms Linking Acute Alcohol Intoxication to Impulsivity and Cigarette Craving in Nondaily Smokers” (NIH/NIDA K01)

**Napier, Ruth**, “Reprogramming T cells in rheumatoid arthritis” (VA CDA2)

**Quinn, Emily**, “Delivering a Telehealth Language Intervention to Children and their Caregivers in Rural Communities” (K12 Patient Centered Learning Health Systems OHSU/Kaiser)

**Raymaker, Dora**, “Community Based Participatory Research to Explore Employer Training in Support of Autistic Professionals” (KL2 NIH/NCATS (OCTRI))

**Thosar, Saurabh**, “Circadian Rhythms in Vascular Function in Obesity” (KL2 NIH/NCATS (OCTRI))

**Womack, Dana**, “Echoes of Workplace Overload and Wellbeing” (K12 Patient Centered Learning Health Systems OHSU/Kaiser)

**Wright, Kirsten**, “Dietary Behavior and Nutritional Health in the Setting of Aging, Cognitive Impairment, and Alzheimer’s Disease” (KL2 NIH/NCCIH (OCTRI))

**Wyse, Jessica**, “Expanding Access to Medications for Opioid Use Disorder (OUD) in VA Primary Care” (K12 Patient Centered Learning Health Systems OHSU/Kaiser)

**Yeldiz, Selda**, “Quantifying the influence of yogic breathwork on cerebral spinal fluid circulation” (NIH/NICCI K99)

**Zhang, Haijiao**, “Characterizing the Pathogenesis and Targeted Therapeutics of Wilms' Tumor 1 (WT1) Mutations in AML” (NIH/NCI K99)

**Zhang, Zhenzhen**, “Inflammatory Diet, Microbiome and Interval Breast Cancer” (K12 BIRCWH)

## 2018 – OCTRI SCHOLARS

**Baldwin, Maureen**, “Diagnosis of Ectopic Pregnancy: Cervical Biomarkers for Pregnancy Localization” (K12 WRHR)

**Boespflug, Erin**, “Characterizing Enlarged Perivascular Spaces in Alzheimer's and Vascular Dementia” (NIA K01)

**Bramhall, Naomi**, “Uncovering Physiological Markers of Hidden Hearing Loss” (VA RR&D CDA2)



**Campbell, Peter**, "Development and Validation of Imaging Biomarkers in Retinopathy of Prematurity" (K12 Casey Eye)

**Chen, Jason**, "Enhancing Emergency Department Care for Suicidal Patients" (K12 Emergency Medicine)

**Edwards, Samuel**, "Patient and program Factors Associated with Reduced Hospitalizations in Veterans Affairs Home Based Primary Care" (VA HSR&D CDA2)

**Erickson, Elise**, "Postpartum Hemorrhage and Oxytocin: Clinical and Epigenetic Contributions to Risk" (K12 BIRCWH)

**Greene, Justin**, "Antibody-Based Enhancement of CMV Vaccine Vectors for HIV" (NIH K01)

**Karstens, Lisa**, "The Functional Contribution of the Urinary Microbiota in Overactive Bladder Syndrome" (NIH/NIDDK K01)

**Kohno, Milky**, "Brain Function and Connectivity in Methamphetamine Dependence: The Link to Neuroinflammation and Effects of Ibudilast" (VA CSR&D CDA2)

**Liefwalker, Daniel**, "KDM5B Mediates Cell Survival in MYC-Dependence T-All" (NCI K01)

**Marsh, Brenda**, "TRAP1 agonists are novel bronchodilators: Investigating their bronchodilating effects in human asthmatic airways" (K12 Emergency Medicine)

**Maughan, Brandon**, "Sex Differences in Diagnosis of Pulmonary Embolism" (K12 Emergency Medicine)

**O'Neil, Maya**, "Assessment and Treatment of Cognitive Functioning Deficits in Veterans with PTSD" (VA RR&D CDA2)

**Papesh, Melissa**, "Physiological Assessment of Auditory Processing Disorders in TBI" (VA RR&D CDA2)

**Robinson, Brooks**, "Cocaine-Induced Plasticity of D2 Receptor Synapses" (NIH/NIDA K99)

**Sdrulla, Andrei**, "Investigating the Neural Circuits of Spinal Cord Stimulation" (NIH/NINDS K08)

**Shapiro, Michael**, "Gender Influences on Lipoprotein Metabolism and Response to PCSK9 Inhibition" (K12 BIRCHW)

**Skalet, Alison**, "Circulating Hybrid Cells as a Prognostic Biomarker for Uveal Melanoma" (AARC-Ocular Melanoma Foundation Career Development Award)

**Xia, Zheng**, "In Silico Screening of Alternative Polyadenylation Regulators in Cancers" (NIH/NLM K01)

## 2017 – OCTRI SCHOLARS

**Bruegl, Amanda**, "Cervical Cancer Prevention in the Pacific Northwest American Indian/Alaska Native Population: Understanding the Elevated Mortality Rate of a Preventable Cancer" (KL2 NIH/NCATS (OCTRI))

**Chan, Brian**, "Patient Centered Evaluation of an Intensive Primary Care Innovation (SUMMIT)" (K12 AHRQ PCOR)

**Darney, Blair**, "Young Latinas' Utilization of Contraception in Safety Net Clinics: Disparities and Interventions" (K12 AHRQ PCOR)

**Davis, Melinda**, "Using Context to Improve Implementation of Evidence-based Interventions for Colorectal Cancer Screening in Rural Primary Care (Precise CRC)" (NIH/NCI K07)

**Denfield, Quin**, "Gender-Associated Differences in Physical Frailty Phenotypes in Heart Failure" (K12 BIRCWH)

**Graham, Alice**, "Early Neurobiological Predictors of Executive Functioning in Toddlers" (NIH/NIMH K99)

**Greenhouse, Ian**, "Beyond Dopamine: Thalamic GABA and Motor Inhibition in Health and Parkinson's Disease" (KL2 NIH/NCATS (OCTRI))

**Henkle, Emily**, "Health-related Quality of Life as a Clinical Trial Endpoint for Non-Tuberculous Mycobacteria Disease" (ATS Foundation/American Lung Association of the Mountain Pacific Research grant)

**Lam, Derek**, "Developing a Predictive Model of the Outcomes of Adenotonsillectomy for Pediatric Obstructive Sleep Apnea Syndrome" (NIH/NHLBI K23)

**Kea, Bory**, "Optimal Anticoagulation Strategies for Acute Atrial Fibrillation" (NIH/NHLBI K08)

**Kelleher, Meredith**, "The Role of Choriodecidual Infection in the Pathogenesis of Fetal Inflammatory Brain Injury and Preterm Birth" (NIH/NICHD K99)

**Mansoor, Steven**, "Structure/Function Studies on the Mechanisms of Purinergic Receptor Activation and Antagonism" (NIH/NHLBI K99)

**McHill, Andrew**, "Influence of Circadian Misalignment on Energy Expenditure and Glucose Regulation in Obstructive Sleep Apnea" (KL2 NIH/NCATS (OCTRI))

**Nazer, Babak**, "Myocardial Ablation by Ultrasound Histotripsy: Microbubble Facilitation" (NIH/NHLBI K08)

**Newell, Laura**, "Infection events in Pregnancy: PLGF Contributes to Maternal Morbidity" (K23 NIH/NICHD)

**Newsom, Sean**, "Mechanisms of Lipid-Related Skeletal Muscle Insulin Resistance in Obesity" (KL2 NIH/NCATS (OCTRI))

**Piantino, Juan**, "Early Non-invasive Physiologic Monitoring in Pediatric Trauma and Associate with 30-day Functional Outcomes" (K12 Emergency Medicine)

**Proulx, Jeffrey**, "Exploring the Adaption of Mindfulness in Native American Communities to Address Diabetes" (NIH/NCCIH K99)

**Riley, Andrew**, "Assessing Parent Priorities for Behavioral Health Information Technology (APP-BIT)" (K12 AHRQ PCOR)

**Sun, Christina**, "Comparative Effectiveness of HIV Prevention Strategies to Reduce Health Disparities" (K12 AHRQ PCOR)

**Taratula, Olena**, "Single Theranostic Agent for Image-Guided Surgery and Intraoperative Phototherapy" (KL2, NIH/NCATS (OCTRI))

**Vranas, Kelly**, "Hospital-level Variation in ICU admitting Patterns among Patients Presenting to the Emergency Department: A Mixed-Methods Approach" (K12 Emergency Medicine)

**Weiskopf, Nicole**, "Measuring and Improving Data Quality for Clinical Quality Measure Reliability" (NIH/NLM K01)

## 2016 – OCTRI SCHOLARS

- Choo, Esther**, "A Computer-based Intervention for Women with Substance Use and IPV in the ED" (NIH/NIDA K23)
- Davis, Lara**, "CDK4 inhibition in a molecular-selected population of sarcomas" (SARC Sarcoma SPORE CDA)
- Foster, Alex** (Byron), "Positive Deviance in Early Childhood Obesity" (NIH/NIDDK K23)
- Hansen, Matthew**, "Improving the Safety and Efficacy of Out-of-Hospital Pediatric Airway Management" (NIH/NHLBI K23)
- Lo, Jamie**, "To Understand Regional Differences in Placental Development and Functional Output in a Non-Human Primate Model" (Reproductive Scientist Development Program, Washington University School of Medicine)
- Karalunas, Sarah**, "Neurophysiological Mechanisms of Cognitive and Emotional Control in ADHD" (NIH/NIMH K23)
- Karstens, Lisa**, "The Urinary Microbiome in Health and Disease" (K12, BIRCWH)
- Sdrulla, Andrei**, "Investigating the Neural Circuits of Spinal Cord Stimulation" (Foundation for Anesthesia Education and Research)
- Sheridan, David**, "Multidisciplinary Institutional Training Program in Emergency Care Research that will Prepare Clinician-Scientists for Independent Research Careers in Emergency Care" (K12 Emergency Medicine)
- Williams, Cydni**, "Outcomes in Pediatric Neurocritical Care" (K12, AHRQ PCOR)
- Wiszniewski, Wojciech**, "Genome Analysis to Elucidate Molecular Mechanisms for Peripheral Neuropathies" (NIH/NHLBI K23 awarded in 2012 and transferred to OHSU)
- Wu, Melinda**, "Oxidative Stress in Vaso-occlusion Pathophysiology of Sickle Cell Disease" (NIH/NHLBI K08)
- Yang, Paul**, "Neuroprotective Mechanisms of Inosine Monophosphate Dehydrogenase Inhibitors in Retinitis Pigmentosa" (NIHNEI K08)

## 2015 – OCTRI SCHOLARS

- Bailey, Steffani**, "Meaningful Use of Electronic Health Records and Smoking Cessation Services in Community Health Centers" (NIH/NIDA K23)
- Barton, Jennifer**, "Goal Concordance in Rheumatoid Arthritis in Diverse Populations" (NIH NIAMS K23)
- Boone-Heinonen, Janne**, "The Dynamics of Transgenerational Obesity: Simulating Systems Solutions" (NIH/NIDDK K01)
- Gray, Nora**, "Interactions of Centella Asiatica, Mitochondrial Function and Oxidative Stress during Aging" (NIH/NCCIH K99)
- Hribar, Michelle**, "Modeling and Optimization of Clinical Processes using EHR Data" (NIH/NLM K99)
- Levitt, Erica**, "Opioid Effects of Respiratory-controlling Pontine Neurons" (NIH/NIDA K99)
- Lim, Miranda**, "Mechanisms of sleep-wake disturbances in traumatic brain injury" (VA BLR&D CDA-2)

**Lund, Amanda**, "Melanoma-Associated Lymphangiogenesis, Immune Suppression, and Response to Targeted Therapy" (DoD Peer Reviewed Cancer CDA)

**Martin, Ian**, "Role of Elevated Diet-Linked Tor Activity and Protein Synthesis in Parkinson's Disease Neurodegeneration" (NIH/NIA K01)

**O'Neil, Maya**, "Effective Treatment of Traumatic Brain Injury and Posttraumatic Stress Disorder for Veterans: What Works for Whom", (K12 AHRQ PCOR)

**Papesh, Melissa**, "Central Auditory Effects of Blast Exposure and Traumatic Brain Injury" (VA RR&D CDA-1)

**Rodriguez, Maria**, "Examining the Impact of Health Care Reform on Publicly Funded Family Planning in Oregon" (K12, Women's Reproductive Health Research (WRHR) Program)

**Senders, Angela**, "Mindfulness-based stress reduction for Multiple Sclerosis: Feasibility, durability, and clinical outcomes" (K23, NIH/NCCAM).

**Schenning, Katie**, "Postoperative Cognitive Decline: Role of sex and APOE4" (K12, BIRCWH)

**Sibley, Cailin**, "Gene Expression Profiling in Granulomatosis with Polyangiitis and Related Conditions: Insights into Pathogenesis and Nonspecific Cases" (NIH/NIAMS K23)

**Sullivan, Donald**, "Impact of Specialist Palliative Care on Outcomes in Advanced Stage Lung Cancer" (NIH/NCI K07)

**Teo, Alan**, "Optimizing Veterans' Social Relationship to Enhance Depression Care" (VA HSR&D CDA-2)

**Tilden, Ellen**, "Comparative Effectiveness of Group vs. Traditional Care on Perinatal Outcomes" (K12, BIRCWH)

**Valent, Amy**, "Characterization of lipid transports and hormonal influences of lipid trafficking in human trophoblasts" (K12, Women's Reproductive Health Research (WRHR) Program)

**Villasana, Laura**, "The Role of Sex of Long-term Changes in Hippocampal Neurogenesis after Traumatic Brain Injury" (K12 BIRCWH)

## 2014 – OCTRI SCHOLARS

**Bramhall, Naomi**, "Noise Induced Cochlear Neuronal Degeneration and Its Perceptual Consequences" (VA NCRAR-CDA-1).

**Chadderdon, Scott**, "Physical Activity and Obesity: The role of Eicosanoids in regulating capillary perfusion and vascular insulin resistance" (KL2, NCATS (OCTRI)).

**Davis, Melinda**, "Pragmatic Coaching to Engage Rural Communities in Research (COACH)" (K12 AHRQ PCOR).

**Dimitrova, Alexandra**, "Electrophysiologic study of acupuncture's effect on the peripheral nervous system" (NIH/NCCAM K23)

**Drake, Matthew**, "Rapid toll-like receptor 7-mediated nitric oxide production in the airway" (NIH/NHLBI K08)

**Drerup, Catherine (Katie)**, "Identifying modulators of dyne in-based cargo motility" (NIH/NINDS K99)

**Eriksson, Carl**, "Understanding Pediatric Surge Capacity" (K12 AHRQ PCOR)

**Ferencik, Maros**, "High-risk coronary plaque by CT for diagnosis and prognosis of CAD in primary and secondary prevention" (CDA, American Heart Association)

**Fischer, Jared**, "Cancer and Stem Cell Dynamics in the Intestine" (NIG/NCI K99)

**Fling, Brett**, "Neural mechanisms underlying freezing of gait resulting from Parkinsonism" (KL2, NCATS (OCTRI))

**Guimaraes, Alexander**, "Validation of MRI microvascular biomarkers in pancreatic cancer with magnetic nanoparticles", (NIH/NIBIB K08)

**Hansen, Matthew**, "Prehospital airway and respiratory emergencies" (K12 Emergency Medicine)

**Holley, Amy**, "Chronic Pain in Pediatric Primary Care" (NIH/NICHHD K23)

**Horner-Johnson, Willi**, "Contraception use and preferences of women with disabilities" (K12, AHRQ PCOR).

**Kea, Bory**, "Optimization of oral anticoagulation strategies in acute atrial fibrillation" (K12, Emergency Medicine).

**Lovejoy, Travis**, "Chronic pain management in Veterans with co-occurring substance use disorders" (VA CDA 2)

**Mackiewicz Seghete, Kristen**, "Neurobiological mechanisms of cognitive inhibitions in trauma-exposed adolescents" (NIH/NIMH K23)

**Mancini, Martina**, "Body-worn sensors to characterize and treat freezing of gait in Parkinson's Disease" (NIH/NICHHD K99)

**Marshall, Nicole**, "Maternal body composition regulated placental function and fetal growth" (NIH/NICHHD K23)

**Moe, Esther**, "A behavior change guide for prostate cancer survivors on physical activity options" (K12, AHRQ PCOR)

**Newell, Laura**, "PIGF enhances viral-induced innate immune inflammatory responses in human mononuclear phagocytes; a potential mechanism for virus related morbidity and mortality in pregnancy" (K12, BIRCWH)

**Nolz, Jeffrey**, "Regulation of memory CD8 T cell trafficking to inflamed tissues" (NIAID K22)

**O'Neil, Maya**, "Effective Treatment of Traumatic Brain Injury and Post-traumatic Stress Disorder for Veterans: What Works for Whom" (K12 AHRQ PCOR)

**Ozburn, Angela**, "Pharmacogenetic manipulation of brain regions to reduce alcohol binge drinking" (VA CDA 2)

**Peterson, Daniel**, "Effect of levodopa on postural motor learning in Parkinson Disease" (VA CDA 1)

**Ruffel, Brian**, "Regulating intratumoral leukocytes to improve response to chemotherapy" (NIH/NICHHD K99)

**Sampath, Harini**, "Role of oxidative DNA damage in the onset and progression of metabolic syndrome" (NIH/NIDDK K99)

**Skalsky, Rebecca**, "The role of viral and cellular miRNAs in b-cell lymphomagenesis" (NIH/NCI K99)

**Snowden, Jonathan**, "Cesarean delivery in overweight and obese women; patient and systems factors" (NIH/NICHHD K99)

**Sullivan, Donald**, "Impact of Specialist Palliative Care on Outcomes in Advanced Stage Lung Cancer" (KL2, NCATS (OCTRI)).

**Tehrani, Shandiz**, "the Role of Optic Nerve Head Actin Cytoskeleton in Glaucoma" (NIH/NEI K08)

**Teo, Alan**, "Optimizing Veterans' social relationship to enhance depression care" (HSR&D CDA-2)

**Zhao, Ningning**, "Mechanisms of iron-dependent regulation of ZIP-14" (NIH/NIDDK K99)

## 2013 – OCTRI SCHOLARS

**Chattergoon, Natasha**, "The unique role of B-RAF in murine cardiac development and postnatal function" (NIH/NHLBI K01)

**Cherala, Ganesh**, "Prenatal growth programs oral contraceptive metabolism and effectiveness" (K12, BIRCWH).

**Doggett, J. Stone**, "Development of the potent anti-malarial and anti-Toxoplasma drug, ELQ-316" (VA BLR&D CDA-2).

**Heintzman, John**, "The primary care medical home and preventive service use in Latino immigrants" (AHRQ K08)

**Hinson, Holly**, "Fever and inflammation in Neuro Trauma (FAINT)" (K12, Emergency Medicine)

**Holtan, Shernan**, "Sex-Based Differences in Allogeneic Immune Responses" (K12, BIRCWH)

**Lee, Christine**, "Metformin and Muscle in Insulin-resistant Older Veterans" (VA CDA-2)

**Mackiewicz Seghete, Kristen**, "Neural Mechanisms of Cognitive Inhibition in Trauma-exposed Adolescents" (KL2, NIH/NCATS (OCTRI))

**Quinones, Ana**, "Complex Chronic Care Needs of Ethnically Diverse Older Americans" (CDA, American Diabetes Association)

**Stecker, Eric**, "Influence of pre-existing cardiovascular disease on response to cardiac arrest resuscitation (K12, Emergency Medicine)

## 2012 – OCTRI SCHOLARS

**Billings, Curtis**, "Effects of speech-in-noise training on physiology & perception" (VA CDA-2)

**Boone-Heinonen, Janne**, "Obesity Disparities" (K12, BIRCWH)

**Chang, Anna Marie**, "The variability of services provided in emergency care using the Oregon All Payers All Claims Database" (K12, Emergency Medicine)

**Dao, Kim-Hien**, "Beta-Catenin is a molecular target of the Fanconi Anemia core complex" (NIH/NHLBI K08)

**Ferencik, Maros**, "High-risk coronary plaque by CT for diagnosis and prognosis of CAD in primary and secondary prevention" (CDA, American Heart Association)

**Gibbs, Summer**, "Nerve specific near infrared fluorescent contrast agents for image-guided surgery" (NIH/NIBIB K01)

**Hibbs, Ryan**, "3D structure and function of neuronal nicotinic acetylcholine receptors" (NIH/NINDS K99)

**Hinson, Holly**, “Quantifying Paroxysmal Sympathetic Hyperactivity in Traumatic Brain Injury” (K12, Emergency Medicine)

**Huang, Hai**, “Ion channels and presynaptic function of an auditory synapse” (NIH/NIDCD K99)

**Hugos, Lucinda**, “Randomized trial of a group program for fatigue in Multiple Sclerosis” (First R01 equivalent - VARR&D)

**King, Laurie**, “Balance and mild TBI” (KL2, NIH/NCATS (OCTRI))

**Lin, Phoebe**, “The effect of the microbiome on the development and severity of uveitis” (NIH/NEI K08)

**Marshall, Nicole**, “Maternal Body Composition” (KL2, NIH/NCATS (OCTRI))

**Nielson, Carrie**, “Mineralization Gene Variants: Biochemical Implications and Associations with BMD” (NIH/NIAMS K01)

**Rowell, Susan**, “TEG and TBI Progression” (K12, Emergency Medicine)

**Soumyanath, Amala**, “Preparing for a clinical trial of *Centella asiatica* in cognitive impairment” (Reentry into Biomedical Research Careers - Supplement to P30 OADC)

**Traer, Elie**, “Extrinsic Mechanisms of Kinase Resistance” (KL2, NIH/NCATS (OCTRI))

**Tyner, Jeffrey**, “ROR1 as a Therapeutic Target in Acute Lymphoblastic Leukemia” (NIH/NCI R00)

**Wilhelm, Clare**, “Role of Neuroinflammation in Behavioral Deficits Resulting from Chronic Alcohol” (VA CDA-2)

**Xu, Jing**, “Anti-Müllerian Hormone in Primate Folliculogenesis and Fertility Preservation” (K12, BIRCWH)

**Zuckerman, Katharine**, “Reducing Barriers to Autism Care for Latino Children” (NIH NIMH K23)

## 2011 – OCTRI SCHOLARS

**Adler, Eric**, “Profiling Inherited Cardiomyopathies Using Induced Pluripotent Stem Cell Derived Cardiomyocytes” (NIH/NHLBI K23)

**Agarwal, Anupriya**, “Role of p27 in chronic myeloid leukemia and its potential as a therapeutic target” (NIH/NCI K99)

**Bogan, Randy**, “The Primate Corpus Luteum: Functional Regression and Cardiovascular Impacts” (NIH/NICHHD K99)

**DeBarber, Andrea**, “Newborn Screening for Cerebrotendinous Xanthomatosis; A Paradigm for Screening in Newborns with Bile Acid Synthesis Disorders” (KL2, NIH/NCATS (OCTRI))

**Dugan, Jae**, “Characterization of the NOD2 NBD Domain and Role in Chronic Inflammation” (VA CDA-2)

**El Youssef, Joseph**, “Glucagon-Insulin-Glucose Physiology Study” (NIH/NIDDK K23)

**Fair, Damien**, “Functional circuits as endophenotype in ADHD” (NIH/NIMH R00)

**Harrieff, Melanie**, “Mtb Uptake and Antigen Presentation in Human Lung Epithelial Cells” (VA CDA-2)

**Hutchens, Michael**, “Sex Difference in Renal Injury After Cardiac Arrest: Mechanisms of Estrogen Action” (NIH/NIDDK)



K08)

**Jacobs, Peter**, “Integrating Auditory and Visual Information to Improve Hearing Aids” (VA CDA)

**Lee, Christine**, “The Role of Insulin Resistance in Sarcopenia” (K12 BIRCWH)

**McBride, Jodi**, “RNAI Therapy for Huntington’s Disease: Safety and Efficacy in the Nonhuman Primate” (NIH/NINDS R00)

**Mist, Scott**, “Traditional Chinese Medicine for Fibromyalgia: A Whole Systems Trial” (NIH/NCCAM K23)

**O’Neal, Seth**, “Taenia solium Thai-Burma border” (KL2, NIH/NCATS (OCTRI))

**O’Tierney-Gin, Perrie**, “Maternal obesity depresses essential fatty acid transport in the placenta” (NIH/NICHD K99)

**Pennesi, Mark**, “Serotonin Receptor Modulation of Neurotrophic Factors in the Retina” (NIH/NEI K08)

**Petryniak, Magdalena**, “GENETIC MECHANISMS OF OLIGODENDROGENESIS AND REMYELINATION” (NIH/NINDS K08)

**Schnell, Eric**, “Neurologin Involvement in Synapse Formation During Adult Neurogenesis” (VA CDA-2)

**Slatore, Christopher**, “Lung Cancer Evaluation: Associations between Communication & Health” (VA CDA-2)

**Sproat, Richard**, “NLP for Augmentative and Alternative Communication in Children and Adults” (NIH/NIDCD K25)

**Starmer, Amy**, “The Comparative Effectiveness of Strategies to Improve Physician Handoffs of Care” (K12, Comparative Effectiveness Research)

**Tanyi, James**, “Effects of Transcytolemmal Water Exchange in Pharmacokinetic Analysis of DCE-MRI Data” (CDA - Radiological Society of North America (RSNA) Research & Education Foundation)

**Unni, Vivek**, “The Regulation of AlphaL-Synuclein and Neurodegeneration in Parkinson’s Disease” (NIH/NINDS K08)

## 2010 – OCTRI SCHOLARS

**Adler, Eric**, “Profiling Inherited Cardiomyopathies Using Induced Pluripotent Stem Cell Derived Cardiomyocytes” (KL2, NIH/NCRR (OCTRI)).

**Bender, Kevin**, “Function and regulation of action potential bursts in the auditory system” (K99, NIH/NIDCD).

**Block, Rebecca**, “Fertility Decisions among Adolescents and Young Adults with Cancer” (K12, BIRCWH).

**Cameron, Michelle**, “Mechanisms of Imbalance in MS” (VA CDA-2).

**Carlson, Kathleen**, “TBI and PTSD Comorbidity in OEF/OIF Veterans: Prevalence and Predictors” (VA CDA-2).

**Cottrell, Erika**, “Policy, practice and the role of patient preferences surrounding elective induction of labor prior to 39 weeks gestation” (K12, Comparative Effectiveness Research).

**Erten-Lyons, Deniz**, “Genetics and Healthy Brain Aging” (VA CDA-2).

**Fair, Damien**, “Functional circuits as endophenotype in ADHD” (K99, NIH/NIMH).

**Friedlander, Joel**, “Improving Pediatric Informed Consent and Assent through Shared Decision Making” (K12, Comparative Effectiveness Research).

**Hartung, Daniel**, “Comparative Effectiveness of Atypical Antipsychotic Drug Policies” (K12, Comparative Effectiveness Research).

**King, Laurie**, “Effects of Physical Therapy in Chronic Neurologic Populations” (First R01 equivalent Foundation for Physical Therapy).

**Konrad-Martin, Dawn**, “Determinants of Word Recognition Speed in Older Listeners” (VA CDTA).

**Kruer, Michael**, “Novel gene discovery to characterize fundamental mechanisms of neurodegeneration” (CDA - American Academy of Neurology Clinical Research Training Fellowship).

**Lancioni, Christina**, “MTB directly regulates human CD4+ T cell activation” (K08, NIH/NIAID).

**Lee, Christopher**, “Gender Differences in Multi-Dimensional Symptoms Experienced by Adults with Heart Failure” (K12, BIRCWH).

**Lin, Mike**, “Endothelial SK3 Channel Modulation of EDHF is Estrogen Regulated” (K99, NIH/NHLBI).

**McBride, Jodi**, “RNAi Therapy for Huntingtons Disease: Safety and Efficacy in the Nonhuman Primate” (K99, NIH/NINDS).

**Naugler, Willscott**, “Role of Bile Acids in Initiation of Liver Regeneration” (K08, NIH/NIDDK).

**Nielson, Carrie**, “Urine-Plasma-Serum Pyrophosphate Pilot Study” (K12, BIRCWH).

**Peterson, Amie**, “The Effects of Vitamin D on Balance in Parkinson's Disease” (VA CDA).

**Salinthon, Sonemany**, “Anti-inflammatory role of LA in MS” (VA CDA-2).

**Shafran, Izhak**, “Assessing Brain Function and Engagement” (K25, NIH/NIA).

**Simpson, Eric**, “Prevention study for atopic dermatitis” (K23, NIH/NIAMS).

**Spain, Rebecca**, “Lipoic acid for neuroprotection in secondary progressive MS” (VA CDA-2).

**Tyner, Jeffrey**, “ROR1 as a Therapeutic Target in Acute Lymphoblastic Leukemia” (K99, NIH/NCI).

**Weiss, Jessica**, “Characterization and Management of Chronic Kidney Disease in the Very Elderly” (K12, Comparative Effectiveness Research).

**Wilson (Long), Anna**, “Parent and Teen Health Study” (K23, NIH/NICHHD).

## 2009 – OCTRI SCHOLARS

**Anderson, Valerie**, “Quantitative Measurement of Cerebrovascular Permeability in Early Dementia” (K25, NIH/NIA).

**Barnes, Anthony**, “The Role of LKB1 in the Specification of Neuronal Polarity” (K01, NIH/NIMH).

**Billings, Curtis**, “Neural Encoding of Signals in Noise Effects of Hearing Impairment” (VA CDA-1).

**Broberg, Craig**, “Heart Failure in Congenital Heart Disease” (K23, NIH/NHLBI).

**Dodge, Hiroko**, “Patterns and Predictors of Normal Cognitive Aging” (K01, NIH/NIA).

**Ford, Christopher**, “Mechanisms of Dopamine Transmission in the VTA.” (K99, NIH/NIDA).

**Grigsby, Peta**, “Compartmental analysis of proteomic biomarkers during intra-uterine infections” (R00 NIH/NICHD).

**Jonker, Sonnet**, “Transfusion During Pregnancy: Fetal Cardiovascular Recovery Following Chronic Anemia” (K12, BIRCWH).

**Kalpathy-Cramer, Jayashree**, “Clinical Image Retrieval: User needs assessment, toolbox development & evaluation” (K99, NIH/NLM).

**Kim, Antony**, “The Evolution of Endocardial Thrombosis in Heart Failure” (K08, NIH/NHLBI).

**Lewis, Michele**, “Spouse's effect on counseling to improve patient satisfaction with hearing aids” (VA CDA-2).

**Li, Geng-Lin**, “Auditory coding at the hair cell ribbon synapse” (K99, NIH/NIDCD).

**MacDonald, Kelvin**, “Pre-Clinical Assay of Prostone Compounds in Cystic Fibrosis” (K12, Oregon Child Health Research Center).

**Matthews, Annette**, “Smoking and bipolar disorder” (VA CDA-2).

### 2009 OCTRI Scholars Continued

**Morgan, Terrence**, “Elevated Angiotensinogen Expression and Fetal Programming in Mice” (K12, BIRCWH).

**Nonas, Stephanie**, “The Role of Cyclooxygenase 2 in Mechanical Stress-Induced Lung Injury” (K08, NIH/NHLBI).

**Purdy, Georgiana**, “Mycobacterial genes mediating resistance to bactericidal ubiquitin peptides” (K22, NIH/NIAID).

**Roepke, Troy**, “Estrogen regulation of channels involved in the control of energy homeostasis” (K99, NIH/NIDDK).

## 2008 – OCTRI SCHOLARS

**Bowman, Gene**, “Platform for nutrition therapy in Alzheimer's” (K23, NIH/NCCAM).

**Broberg, Craig**, “Heart Failure in Congenital Heart Disease” (CDA - American Heart Association).

**Buckley, David**, “Cancer Control for Disabled Adults in Rural Primary Care” (CDA - American Cancer Society).

**Chadderdon, Scott**, “Assessing Vascular Imaging & Remodeling w/Molecular Imaging on Obese Primates” (CDA - American Heart Association).

**Chang, Bill**, “To Understand the Mechanisms of Resistance and to Develop New Targets for Therapy in Pediatric Ph+ Acute Lymphoblastic Leukemia?” (K12, Oregon Child Health Research Center).

**Chia, Dennis**, “Mechanisms of IGF-I gene transcriptional activation by growth hormone signaling” (K12, Oregon Child Health Research Center).

**Chu, Cong-Qiu**, “Positive and Negative Regulation of IL-17 in Experimental Arthritis” (K08, NIH/NIAMSD).

**Darnall, Beth**, “Pain and Immunity” (K12, BIRCWH).

**Grigsby, Peta**, “Compartmental analysis of proteomic biomarkers during intra-uterine infections” (K99, NIH/NICHD).

**Litvack, Jamie**, “Role of Depression in the Outcomes of Endoscopic Sinus Surgery” (CDA - American Academy of Otolaryngology-Head/Neck Surgery Foundation).

**Loftis, Jennifer**, “Prophylactic Antidepressant Treatment” (VA CDA-2).

**McCormick, James**, “Analysis of distal convoluted tubule function in vivo” (K01, NIH/NIDDK).

**McGregor, Jessina**, “Antibiotic resistance surveillance to improve empiric therapy in outpatients” (KL2, NIH/NCRR (OCTRI)).

**Messamore, Erik**, “Niacin Subsensitivity as a Schizophrenia Endophenotype” (VA CDA-2).

**Molis, Michelle**, “Improving Vowel Perception by Hearing-Impaired Listeners” (VA CDA).

**Morasco, Benjamin**, “Chronic Pain and Hepatitis C” (K23, NIH/NIDA).

**Nolt, Dawn**, “Characterization of the phagosome during Mycobacterium tuberculosis infection” (K08, NIH/NIAID).

**Nyendak, Melissa**, “Definition of Human Immunodominant CD8 Antigens in Tuberculosis” (KL2, NIH/NCRR (OCTRI)).

**Obhrai, Jagdeep**, “Activation of the alloimmune response” (K08 NIH/NIAID).

**O'Rourke, Robert**, “Tissue Inflammation and Immunologic Function in Human Obesity” (K08 NIH/NIDDK).

**Poehlein, Christian**, “Characterizing and Regulating Tumor-induced Regulatory T Cells” (K22 NIH/NCI).

**Rieckmann, Traci**, “Adoption of Evidence-Based Practices in Substance Abuse Treatment” (K23 NIH/NIDA).

**Shin, Jung Bum**, “Dynamics of Hair Bundle Proteins” (K99, NIH/NIDCD).

**Singh, Satinder**, “Transport and Inhibition in a Biogenic Amine Transporter” (K99, NIH/NIMH).

**Taylor, Jason**, “Genetic modification of macaque T-cells w/foamy viral vectors for HIV model” (K08, NIH/NIAID).

**Wahbeh, Helane**, “Mechanistic pathways for mindfulness meditation in PTSD” (K01, NIH/NCCAM).

**Winthrop, Kevin**, “Mycobacterial disease prevention: pharmacovigilance and inflammatory disease” (K08, AHRQ).

**Wu, Wendy**, “Ovarian hormone deficiency reduces intrinsic excitability and abolishes acute estrogen sensitivity in hippocampal CA1 pyramidal neurons.” (K12, BIRCWH).

## 2007 – OCTRI SCHOLARS

**Alumkal, Joshi**, “The Elucidation of Clinically Significant Mechanisms of Gene Silencing” (KL2, NIH/NCRR (OCTRI)).

**Barrett, Thomas**, “Expression of GRK3 and Association with Bipolar Disorder” (K08, NIH/NINDS).

**Chia, Dennis**, “Mechanisms of IGF-I gene transcriptional activation by growth hormone signaling” (K08, NIH/NIDDK).

**Ford, Matthew**, “Nicotine Modulation of Ethanol Consumption and Discrimination” (K01, NIH/NIAAA).

**Frias, Antonio**, “Maternal high-fat diet disturbs uteroplacental hemodynamics and increases the frequency of stillbirth in a nonhuman primate model of excess nutrition” (K12, WRHR).

**Gallun, Frederick**, “Modeling Auditory Integration in People with Impaired Hearing” (VA CDA-2).

**Gold, Marielle**, “Lung Epithelial Cell Immunity to Mycobacterium Tuberculosis.” (VA CDA).

**Gregg, Jessica**, “Health Beliefs, Acculturation, Pap Smears among Latinos from Mexico” (KL2, NIH/NCRR (OCTRI)).

**Huckans, Marilyn**, “Cognitive and Cortical Effects of Hepatitis C and Interferon Therapy” (VA CDA).

**Korthuis, Philip**, “Quality Outcomes for Patients with Drug Abuse and HIV” (K23, NIH/NIDA).

**Newgard, Craig**, “Improving Prehospital Trauma Triage: cost-effective and efficient mechanism” (CDA - Robert Wood Johnson Foundation).

**Nguyen-Huynh, Anh**, “Meniere's Disease” (KL2, NIH/NCRR (OCTRI)).

## 2006 – OCTRI SCHOLARS

**Chung, Kathryn**, “Quantification of Levodopa Induced Dyskinesia in Parkinson Disease” (VA CDA).

**DeVoe, Jennifer**, “Oregon Children's Access to Healthcare Survey (CAHS)” (K08, AHRQ).

**Erten-Lyons, Deniz**, “Genetics and Healthy Brain Aging” (VA RCD).

**Gillingham, Melanie**, “Fatty Acid Oxidation Disorders & Body Weight Regulation” (K01, NIH/NIDDK).

**Goy, Elizabeth**, “Parkinson Disease at the end of life: Symptoms, Needs, and Mortality” (VA CDA).

**Haney, Elizabeth**, “Clinical Implications of Serotonin in Bone” (K23, NIH/NIAMS).

**Klopfenstein, Bethany**, “Cortisol Regulation in PCOS” (K23, NIH/NCRR).

**Konrad-Martin, Dawn**, “Determinants of Word Recognition Speed in Older Listeners” (VA ARCD).

**McEvoy, Cynthia**, “In-Utero Smoke, Vitamin C and Newborn Lung Function” (K23, NIH/NHLBI).

**Nagel, Bonnie**, “Neurocognition and Brain Development in Youth” (K08, NIH/NINDS).

**Wisdom, Jennifer**, “Adolescent Recovery from Drug Abuse” (K23, NIH/NIDA).

**Zhang, Zili**, “IL-23, Th1L-17, and Uveitis” (K08, NIH/NEI).

## 2005 – OCTRI SCHOLARS

**Bryant, Damani**, “Estrogen Receptor Ligands and Neuroprotective Therapy” (K12, BIRCWH).

**Dobscha, Steven**, “Co-occurring Psychiatric and Substance Use Disorders in Primary Care” (VA CDA).

**Dorr, David**, “Enhancing Guidelines with Collaborative Care Agents” (K22, NIH/NLM).

**Elsas, Siegwad**, “Complementary behavioral treatment approaches to epilepsy” (K23, NIH/NCCAM).

**Fromme, Erik**, “Systematic Approaches to Supportive Care in Prostate CA” (K07, NIH/NCI).

**Gold, Jeffrey**, “Role of CD40 in sepsis induced lung injury” (K08, NIH/NIHLBI).

**Kurre, Peter**, “Genetic targeting of proviral integration in stem cells” (K08, NIH/NHLBI).

**Landry, Gregory**, “Functional Outcome of Critical Limb Ischemia” (K23, NIH/NHLBI).

**Lewis, Michele**, “Spouse's effect on counseling to improve patient satisfaction with hearing aids” (VA RCC).

**Madison, Dana**, “Transcriptional Repression by CtBP at the p21 Promoter” (K08, NIH/NCI).

**Meyers, Gabrielle**, “Clonal Evolution and Dominance in PNH” (K23, NIH/NCRR).

**Nemecek, Eneida**, “Radioimmunotherapy of high-risk AML in first remission” (K23, NIH/NCI).

**Nicolaidis, Christina**, “Developing an Abuse-Sensitive Depression Care Model” (K23, NIH/NIMH).

**Song, Howard**, “Interventions to Improve Cardiovascular Surgical Outcomes” (K12, BIRCWH).

**Tshala-Katumbay, Daniel**, “Toxic Probes of Axonopathy” (K01, NIH/NINDS).

**Yadav, Vijayshree**, “Lipoic acid in MS” (K23, NIH/NCCAM).

## 2004 – OCTRI SCHOLARS

**Edelman, Alison**, “Oral Contraceptive Efficacy and Body Weight” (K12, WRHR).

**Jobe, Blair**, “Screening for Barrett's Esophagus in Otolaryngology Patients” (K23, NIH/NIDDK).

**Kuehl, Kerry**, “Health Promotion Intervention: Sedentary Care Patients” (K23, NIH/NCRR).

**LeBlanc, Erin**, “Estradiol Fluctuation pilot” (K23, NIH/NCRR).

**Lee, Ellen**, “In vivo imaging of corneal inflammation” (K08, NIH//NEI).

**Mansberger, Steven**, “The Northwest Tribal Vision Project” (K23, NIH/NEI).

**Misra, Sahana**, “Influence of Mood State on Capacity to Consent to Research in Bipolar Patients” (VA RCD).

**Pereira, Leonardo**, “Proteomic Analysis of Maternal Serum for Prediction of Preterm Delivery” (K12, WRHR).

**Shinto, Lynne**, “Fish oil as therapy for depression in MS” (K23, NIH/NCCAM).

**Silbert, Lisa**, “Effects of White Matter Change on Cognitive Processing Speed” (K23, NIH/NIA).

## 2003 – OCTRI SCHOLARS

**Emens, Jonathan**, “Circadian Genetics of Sighted Morning and Evening Types and Blind Free Runners” (K23, NIH/NCRR).

**Le, Dai-Trang**, “The Role of Adenosine in Chronic Ischemic Cardiomyopathy” (K08, NIH/NHLBI).

**Shannon, Jackilen**, “Dietary fatty acid intake, COX-2 expression and risk of prostate cancer” (K22, NIH/NCI).

## 2002 – OCTRI SCHOLARS

**Selden, Nathan**, “Purinergic control of medullary pain modulation” (K08, NIH/NINDS).