

Faculty Education & Scholarship Summary Report
July 1, 2020 – June 30, 2021
 Department of Physical Medicine and Rehabilitation
 UNC School of Medicine

Faculty

Joshua Alexander, MD
 JM Baratta, MD, MBA
 Jessica Barnhill, MD, MPH
 Elizabeth Barton, MD
 Christine Cleveland, MD
 Peter Duquette, PhD
 Keturah Faurot, PhD, MPH, PA
 William Filer, MD
 Susan Gaylord, PhD
 Mathew Harris, PhD, ABPP(CN)
 James Hill, MD, MPH

Michael Ingraham, MD
 Kristopher Karvelas, MD
 Christine Lathren, MD, MSPH
 Hanna Leong, PhD
 Kimberly Rauch, DO
 Lee Shuping, MD, MPT
 Raj Telhan, MD, MFA
 Paul Thananopavarn, MD
 Karla Thompson, PhD
 Tanya Zinner, MD

Bibliography

PUBLISHED

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2. Bluth K, **Lathren C**, Silbersack Hickey J, Zimmerman S, Wretman C, Sloane P. Self-compassion training for certified nurse assistants in nursing homes. *J Am Geriatr Soc*. 2021;1–10. DOI: 10.1111/jgs.17155
3. Bluth K, Park J, **Lathren C**. Is parents' education level associated with adolescent self-compassion? *Explore*. 2020 Aug;16(4):225-230. <https://doi.org/10.1016/j.explore.2020.02.003>
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5. Domenichiello AF, Jensen JR, Zamora D, Horowitz M, Yuan ZX, **Faurot K**, Mann JD, Mannes AJ, Ramsden CE. 2020. Identifying oxidized lipid mediators as prognostic biomarkers of chronic post-traumatic headache. *Pain*. 161(12): 2775-2785. doi: 10.1097/j.pain.0000000000001983.
6. **Lathren C**, Bluth K, Zvara B. Parent self-compassion and supportive responses to child difficult emotion: An intergenerational model rooted in attachment. *Journal of Family Theory & Review*. 2020 September; 12:368-381. DOI:10.1111/jftr.12388
7. **Lathren CR**, Rao SS, Park J, Bluth K. Self-compassion and current close interpersonal relationships: A scoping literature review. *Mindfulness*. 2021 January. <https://doi.org/10.1007/s12671-020-01566-5>
8. Miller V, **Faurot K**, Palsson O, MacIntosh B, Suchindran C, Honvoh G, **Gaylord S**, Ramsden C, Mann. 2020. Comparing prospective headache diary and retrospective four-week headache questionnaire over 20 weeks: Secondary data analysis from a randomized controlled trial. *Cephalalgia*, 40(13):1523-1531. doi: 10.1177/0333102420949180
9. Pretzel RE, Knickmeyer RC, DeRamus M, **Duquette P**, Okoniewski KC, Reinhartsen DB, Cornea E, Gilmore JH, Goldman BD, Davenport ML, Hooper SR. Early Development of Infants with Turner Syndrome. *J Dev Behav Pediatr*. 2020 Aug;41(6):470-479. doi: 10.1097/DBP.0000000000000788. PMID: 32118693; PMCID:

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10. Roth IJ, Tiedt MK, **Barnhill JL, Karvelas KR, Faurot KR, Gaylord S**, Gardiner P, Miller VE, Leeman J. 2021. Feasibility of implementation mapping for integrative medicine group visits. *J Altern Complement Med*; 27(S1): S71-S80
11. Boyd M, Vijayaraghavan N, **Karvelas, K**. Evidenced-Based Management of Greater Trochanteric Pain Syndrome. *Current Physical Medicine and Rehabilitation Reports*. 2020; 8. 1-9. 10.1007/s40141-020-00294-0.
12. MacIntosh BA, Ramsden CE, Honvoh G, **Faurot KR**, Palsson OS, Johnston AD, Lynch C, Anderson P, Igudesman D, Zamora D, Horowitz M, **Gaylord S**, Mann JD. Diet intervention methodology for investigating modifications in omega-3 and omega-6 fatty acids for ameliorating chronic migraine pain. *Clinical Nutrition*. Jun;40(6):3859-3867. doi: 10.1016/j.clnu.2021.04.050. Epub 2021 May 12. PMID: 34130033
13. Woods-Giscombe CL, **Gaylord SA, Faurot KR**, Lynch C, Phillips P. It is not just about enrollment: Recognizing the impact of RCT recruitment approaches on prediabetes awareness, screening, and capacity building in African American Communities. *J Urban Health*. 2021 Jun 17. doi: 10.1007/s11524-021-00543-0. Online ahead of print. PMID: 34142348
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IN PRESS

1. Kelley ML, Chae JW, Bravo AJ, Miliam AL, Agha E, **Gaylord SA**, Vinci C, Currier JM. Own soul's warning: Moral injury, suicide ideation and meaning in life. *Psychological Trauma: Theory, Research, Practice & Policy*. (Accepted and in press).
2. Giscombe CW, **Gaylord SA, Faurot KR**, Lynch C, Phillips P. It's not just about enrollment: Recognizing the impact of RCT recruitment approaches on prediabetes awareness, screening, and capacity building in African American communities. *J Urban Health*, Submitted in March, 2021, now accepted and in press, 2021. (11 pages).
3. Roby PR, **Duquette PJ**, Kerr ZY, Register-Mihalik JK, Stoner L, & Mihalik JP. (2020). Repetitive head impact exposure and cerebrovascular function in adolescent athletes. *Journal of Neurotrauma*. (In Press).
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5. Domenichiello AF, Jensen JR, Zamora D, Horowitz M, Yuan ZX, **Faurot K**, Mann JD, Mannes AJ, Ramsden CE. (In Press). Identifying oxidized lipid mediators as prognostic biomarkers of chronic post-traumatic headache. *Pain*. PAIN-D-20-00273/
6. **Telhan R**, McNeil KM, **Lipscomb-Hudson AR**, Guobadia EL, Landry MD. (Accepted July 2020). Reckoning with racial trauma in rehabilitation medicine. *Archives of Physical Medicine and Rehabilitation*.
7. Boyd M, Vijayaraghavan N, **Karvelas K**. Evidenced Based Management of Greater Trochanteric Pain Syndrome. *Current Physical Medicine and Rehabilitation Reports*. <https://doi.org/10.1007/s40141-020-00294-0> IN PRESS
8. **Harris, M.** & Merz, Z. (2021) High Elevation Rates of the Structured Inventory of Malingered Symptomatology (SIMS) in Neuropsychological Patients. *Applied Neuropsychology: Adult*. Manuscript ID HAPN 1875227
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10. **Baratta, JM**, Tompany, A, Siano S, Floris-Moore M, Weber D. Post-Acute Sequelae of COVID-19 Infection and Development of a Physiatry-Led Recovery Clinic, *American Journal of Physical Medicine &*

Rehabilitation: April 28, 2021 - Volume Publish Ahead of Print - Issue - doi:
10.1097/PHM.0000000000001778.

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12. Curfman A, Hackell J, Herendeen N, **Alexander J**, Marcin J, et al. Telehealth: Improving Access to and Quality of Pediatric Healthcare. A Policy Statement from the American Academy of Pediatrics. *Pediatrics* (In Press)

SUBMITTED

1. Morone N, Greco C, **Gaylord S**, **Faurot K**, Weinberg J, Gardiner P, Roth I, et al., The Design and Methods of the OPTIMUM Study (Optimizing Pain Treatment In Medical Settings Using Mindfulness). *Contemporary Clinical Trials*
2. Zieff, Gabriel H; Stone, Lee; Frank, Barnett; **Gaylord, S**; Battle, Kate and Hackney, Anthony C. Do Aerobic Exercise and Mindfulness Act Synergistically to Mitigate Psychological Distress in College Students Experiencing High Levels of Stress? (Submitted.)
3. Kiken L, Peters JR, Bluth K, Rajagopalan R, **Gaylord S**. Predicting mindfulness interventions responses: Roles of baseline mindfulness facets in improvements in psychological mechanisms. *Mindfulness*. (Submitted).
4. Zieff, Gabriel H; Stone, Lee; Frank, Barnett; **Gaylord, S**; Battle, Kate and Hackney, Anthony C. Do Aerobic Exercise and Mindfulness Act Synergistically to Mitigate Psychological Distress in College Students Experiencing High Levels of Stress? *Behavioral Medicine*. (Submitted).
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6. **Telhan, R.**, DeSelm, T., Polk, C., Steadman, E., Chuang, A., Rahangdale, L., Weil, Amy., Dent, G. Narrative Integrity Testing: Mitigating the Limitations of the Virtual Interview. *Learning Communities Institute* (Accepted).
7. Curfman A, Hackell J, Herendeen N, **Alexander J**, Marcin J, et al. Telehealth: Improving Access to and Quality of Pediatric Healthcare. A Policy Statement from the American Academy of Pediatrics. (Submitted)
8. Halverson TG, Meyer-Kalos PS, Perkins DO, **Gaylord SA**, Palsson OS, Nye LN, Algoe SB, Grewen KM, Penn DL. Enhancing stress reactivity and wellbeing in early schizophrenia: A preliminary randomized controlled trial of integrated coping awareness therapy (I-CAT). *Schizophrenia Research*. Submitted and accepted with revisions in March, 2021. 59 pages.
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modifications in omega-3 and omega-6 fatty acids for ameliorating chronic migraine pain. *Clinical Nutrition*. Under review (Under revision).

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14. Post E, **Faurot K**, Kadro Z, Hill J, Nguyen C, Asher GN, Gaylord S, Corbett A. Patient Perspectives on the Development of a Novel mHealth Application for Dietary Supplement Tracking and Reconciliation. *Health and Technology* (submitted)
15. Giscombe CW, **Gaylord SA**, **Faurot KR**, Lynch C, Phillips P. It's not just about enrollment: Recognizing the impact of RCT recruitment approaches on prediabetes awareness, screening, and capacity building in African American communities. Submitted to *J Urban Health*, March 2021
16. **Lathren C**, Sheffield-Abdullah K, Sloane P, Bluth K, Sibersack-Hickey J, Wretman C, Prochnow Phillips L, Zimmerman S. Certified nursing assistants' experiences with a self-compassion training in the nursing home setting. *Geriatric Nursing* (submitted).
17. **Faurot K**, Cole W, MacIntosh B, Dunlap M, Davis C, Moore C, Roberson B, Guerra M, Domenichiello A, Rivera W, Nothwehr A, Arrieux J, Jones C, Werner J, Bean M, Diaz-Arrastia R, Suchindran C, Mann J, Kenney K, Palsson O, Ramsden C. Targeted Dietary Interventions to Reduce Pain in Persistent Post-traumatic Headache among Service Members: protocol for a randomised, controlled parallel group trial. Submitted to *BMJ Open*, under review).

BOOK CHAPTERS

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3. **Gaylord S**, Kadro Z, Toche, J. Integrative medicine. In: J.B. Whitehead (Ed.) *Reichel's Care of the Elderly*, in process (chapter submitted and accepted), May 2021. (50 pages).
4. **Thananopavarn P**, **Zinner T**, **Baratta JM**. Rehabilitation in the elderly. In: *Reichel's Care of the Elderly*, in process for Fall 2020.
5. **Alexander J**, Alexander M, Hefner J. Pediatric Telerehabilitation. In: *Telerehabilitation: Principles and Practice*, in process for Fall 2021.
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8. **Siano S**, **Shuping L**, **Poduri KR**. 2021 Vertigo. *PM&R KnowledgeNOW*. 4/29/2021
9. **Hooper SR**, **Duquette PJ**, **Pittleman C**, **Leong H**. Neuropsychological assessment in children and adolescents: Applications for the school psychologist. In B. Bracken, L. Theodore, & M. Bray (Eds.) *Desk Reference in School Psychology*. New York: Oxford University Press. In process for Fall 2021.
10. Yeste, K., **Barton, E.**, Cleveland, C., Poduri, K.. "Spinal Cord Injury Without Radiologic Abnormality." *PM&R Knowledge NOW*. December 8, 2020.

MEETING ABSTRACTS/POSTERS

1. Vijayaraghavan N, **Ingraham M**. Chronic Low Back Pain as an Atypical Presentation of Diffuse B-Cell Lymphoma: A Case Report. *The American Academy of Physical Medicine and Rehabilitation*. November 2021. Nashville, TN.
2. Sharp M, **Ingraham M**. Cervicogenic Ophthalmalgia and Dysphagia: A Case Report. *Spine Intervention Society*. August 2021. Washington, DC

3. **Telhan, R.**, DeSelm, T., Polk, C., Steadman, E., Chuang, A., Rahangdale, L., Weil, Amy., Dent, G. Narrative Integrity Testing: Mitigating the Limitations of the Virtual Interview. Learning Communities Institute (Submitted).
4. Sainburg, D., Boyd, M., **Shuping, L.** Oh Snap! Ultrasound Reveals Subclinical Ulnar Neuropathy, Undetectable with Electrodiagnostics: A Case Report. AMSSM, accepted.
5. Landau, P., Hooper, S.R., **Duquette, P.J.** Misconceptions about traumatic brain injury: A survey of endorsements by North Carolina school psychologists. International Neuropsychological Society (Feb 2021).
6. **Rauch K.**, Sharp M., Trigger Point Injections in Complex Regional Pain Syndrome. Pain Society of the Carolinas 2020 Annual Meeting & Scientific Sessions. (Accepted)
7. Patel A, Vijayaraghavan N, **Shuping, L.** A Rare Etiology of Finger Weakness in a Recreational Weightlifter. AAP 2021, poster.
8. Tiedt M, Gardiner P, Leeman J, **Gaylord S**, Miller V, **Faurot K**, **Karvelas K**, **Barnhill J**, Chilcoat A, Roth I. Improving virtual integrative medical group visits for patients with chronic pain: lessons learned during the COVID-19 pandemic. Integrative Medicine & Health Symposium, April 12-13, 2021.
9. Vijayaraghavan, N., Shuping, L., **Barton, E**, Chemotherapy-Induced Bilateral Peroneal Mononeuropathies: A Case Report of Atypical Slimmer’s Paralysis. American Academy of Physical Medicine & Rehabilitation Poster, 2021.

Grants, Contracts & Clinical Trials

*denotes change

**cannot confirm

***funded (waiting for award) or expected funding

FUNDED

*1R01MD015388-01A1 NIH NIMHD	Giscombe (contact PI); Gaylord (PI)	07/29/2020-02/28/2025
<p>Title: The HARMONY Study – A culturally relevant, randomized controlled stress management intervention to reduce cardiometabolic risk in African American women.</p> <p>Goal: To test a culturally tailored mindfulness-based diet and exercise intervention vs. a conventional diet and exercise intervention for African American Women with cardiometabolic risk.</p>		
<p>Faculty: Gaylord: PI (20% effort in year one) Faurot: Co-I (10% effort in year one)</p>		
*1R34AT011038-01 Old Dominion/NIH NCCIH	Kelley (PI)	09/21/2020-08/31/2023
<p>Title: Adaptation of Mindfulness to Treat Moral Injury in Veterans</p> <p>Goal: To develop and test the feasibility of internet-based mindfulness program adapted to treat moral injury in veterans.</p>		
<p>Faculty: Gaylord: Co-I (8.3 Effort)</p>		
*1UH3AT010621-01 NCCIH/NIH	Morone (PI), Gaylord (UNC Site PI) \$278,123 (year 1 directs)	9/01/2020-08/31/2024
<p>Title: Group-based mindfulness for patients with chronic low back pain in the primary care setting.</p> <p>Goal: To integrate mindfulness training, an efficacious non-pharmacological treatment for low back pain,</p>		

into routine primary care, and to evaluate the impact of this integration on key outcomes.		
Faculty: Gaylord: Site PI (20% effort) Faurot: Co-I (20% effort)		
*901FDV0017-01 NCSU/NIH NIDILRR	Pantic (NCSU PI); Filer (Co-PI) \$46,302 (year 1 directs)	09/01/2020- 08/31/2023
Title: Development: Next-Generation Public Charging Infrastructure and Cyber-Information Network for Enhanced Inclusion and Independent Living of Power Mobility Device Users Goal: This project seeks to improve community mobility in users of power wheelchairs by enhancing community-based battery charging networks. Using focus group data, a charging system will be designed and integrated with a mobile application that will help these individuals plan routes in the Chapel Hill community that are informed by the current power supply and projected range of their powered mobility devices.		
Faculty: Filer: Co-PI (5%) Faurot: Co-I (2.5%)		
4R33MH110027-03 National Institute of Mental Health	Dichter (PI) \$611,884	02/01/2017- 07/31/2022
Title: Development of A Novel Transdiagnostic Intervention for Anhedonia Goal: The goal of this experimental therapeutics trial is to validate Behavioral Activation Treatment for Anhedonia in a transdiagnostic sample of anhedonic patients first with 7T fMRI and then with a randomized clinical trial.		
Faculty: Gaylord: Co-I (14% effort)		
5R01EB024570 NCSU/NIH	Huang (PI)	08/15/2018 – 04/30/2022
Title: Error Tolerance in Wearer-Robot Systems Goal: The objective of this study is to investigate novel fault-tolerant mechanisms, inspired by human motor control principles, to improve the robustness and safety of powered transfemoral (TF) prostheses. We will accomplish our research objectives by pursuing three specific aims: 1) To systematically determine the effects of imposed prosthesis errors on objectively measured walking stability of amputee-prosthesis systems. 2) To systematically determine the effects of imposed prosthesis errors on perceived walking stability in amputees. 3) To demonstrate the capacity of robust lower limb prosthesis control by mimicking human motor control mechanisms.		
Faculty: Filer: Co-I (9% effort)		
R00HD091375 NIH/NICHD	Cassidy (PI)	
Title: Brain Network Connectivity Measures In Early Stroke Rehabilitation Goal: This project will use multi-modal neuroimaging (EEG and resting-state fMRI) to derive biomarkers of motor recovery in individuals early post-stroke admitted to an inpatient rehabilitation facility.		
Faculty: Baratta: Consultant (no salary support)		

5R21AG061728-02 NIH	Gaylord (PI)	02/01/2019- 12/31/2021
<p>Title: Easing the Burden of Dementia Caregiving: A Telephone-delivered Mindfulness Intervention for Rural, African American Families</p> <p>Goal: The project's specific aims are: 1) to determine the feasibility and acceptability of a telephone-delivered mindfulness training intervention (TMT) in decreasing caregiver burden among rural, African American informal caregiving teams of people with dementia; 2) to explore effects of the training on relevant secondary outcomes for both caregiving team members, including emotional regulation; tolerance of uncertainty; emotional and physical health; family conflict within the informal caregiving team; and self-efficacy; 3) to explore comfort with and willingness to adopt technologies (e.g. telephone-based, web-based) to access mindfulness practices and existing caregiving educational resources.</p>		
<p>Faculty:</p> <p>Gaylord: Co-I (15% effort)</p> <p>Faurot: Co-I (10% effort)</p>		

PR141560 Department of Defense, Henry Jackson Foundation for the Advancement of Military Medicine	Faurot (PI) \$849,263.97	04/01/2016- 03/29/2022
<p>Title: Targeted Alteration of Dietary Omega-3 and Omega-6 Fatty Acids for the Treatment of Post-Traumatic Headache</p> <p>Goal: A two-arm multi-site RCT designed to examine the impact of n-3 and n-6 manipulation in a whole foods diet for soldiers with post-traumatic headache.</p>		
<p>Faculty:</p> <p>Faurot: Site PI (23% effort)</p>		

T32-AT003378 NIH	Gaylord/Mann (PIs) \$464,764	07/01/2017- 06/30/2022
<p>Title: Research Training Fellowship in Complementary and Integrative Healthcare</p> <p>Goal: The goal of this T-32 Research Fellowship is to cultivate well-trained, independent researchers for leadership in investigating efficacy, effectiveness, safety and mechanisms of action of complementary therapies and integrative health-care approaches.</p>		
<p>Faculty:</p> <p>Gaylord: Lead PI (No Salary Support)</p>		

*Mayday Fund	Carneiro (PI) \$88,000	01/01/2015- 03/31/2022
<p>Title: Novel Management of Lumbar Radiculopathy-a Dietary Approach</p> <p>Goal: This prospective, single-blind, parallel-group randomized controlled clinical trial of diagnosed and managed lumbar radiculopathy patients is designed to gather preliminary evidence to test the efficacy and safety of altering the dietary n-3 and n-6 fatty acids.</p>		
<p>Faculty:</p> <p>Carneiro: Lead PI (0% Effort)</p> <p>Faurot: Project Manager (0% Effort)</p>		

Gaylord: Co-I (0% Effort)
Johnston: Clinical Research Coordinator (0% Effort)

CLINICAL TRIALS

N/A

PENDING

**NIDILRR	Kamper (PI)	Submitted 12/2020
<p>Title: Training for Hand Exoskeleton with Serious Games Goal: Despite the prevalence of chronic impairment, rehabilitation for stroke survivors has typically focused on therapeutic interventions designed to ameliorate sensorimotor control. The goal of this project is to improve health and function through training for an assistive device for the hand.</p>		
<p>Faculty: Baratta: Co-I (5%)</p>		
*Unassigned IPF 21-6000	Faurot (PI)	09/01/2021-08/31/2022
<p>Title: Diversity Supplement to Group-based mindfulness for patients with chronic low back pain in the primary care setting Goal: The goal of the scoping review would be to inform the development of a dietary supplement data collection instrument for the OPTIMUM study as well as to give the candidate experience in this increasingly important methodology.</p>		
<p>Faculty: Faurot: 5% (PI) Gaylord: 5% (Co-I) Elhadidy: 100% (Fellow)</p>		
**UNC Center for Health Innovation	Baratta and Cassidy (Co-PIs)	Submitted 1/2021
<p>Title: Stroke Management Training and Inpatient Rehabilitation Discharge Education (STRIDE Program) Goal: Our proposal introduces a unique and innovative program utilizing commercially available activity monitors, social support, and education to address the lack of structure and support often encountered immediately following hospital discharge.</p>		
<p>Faculty: Baratta: Co-PI (In-Kind)</p>		
**NIH	Yong (PI)	Submitted 2/2021
<p>Title: A personalized, community-based rehabilitation sensing system to improve daily functions of stroke survivors</p>		

Goal: The objective of this project is to develop a personalized community-based rehabilitation sensing system to improve daily functions of these individuals. The system will include three essential components: a nanomaterial-enabled multimodal wearable sensor network to monitor arm and leg functional activities; a low-power data acquisition, processing, and transmission protocol; and a smart phone APP to communicate training outcomes to the users and clinicians via internet and receive feedback from them.

Faculty:

Baratta: Co-I (5%)

*1K01AT011578-01A1 NIH, IPF 22-0053	Roth (PI)	04/01/2022-03/31/2027
Title: Scaling-Up Integrative Pain Management in Federally Qualified Health Centers		
Goal: Dr. Roth's long-term career goal is to become an independent investigator evaluating implementation of IPM interventions to reduce the burden of chronic pain and mitigate risks associated with opioid use, particularly in low-income communities.		
Faculty:		
Roth: PI (100% Effort)		
Gaylord: Co-mentor (0% Effort)		

*Unassigned IPF 21-4756	Roth (PI) \$151,218	08/01/2021-07/31/2024
Title: Supplement to Group-based mindfulness for patients with chronic low back pain in the primary care setting		
Goal: In Aim 1, Dr. Roth will be responsible for coordination of stakeholder recruitment, executing Community Advisory Board activities, and supervision of a Research Assistant. In Aim 2, Dr. Roth will be responsible for qualitative data collection and analysis.		
Faculty:		
Roth: 20% (PI)		
Lathren: 10% (Co-I)		

***R34 University of Connecticut Health Center/NIH, IPF 21-0254	Powell (Contact PI), Gaylord (UNC PI)	04/01/2021-03/31/2024
Title: Project B.R.E.A.T.H.E. (Brothers, Reclaiming, Emotional, Awareness, Tranquility, Healing & Existence): Disrupting Racialized Stress, Trauma, & Problematic Substance Use in Young Adult Black Men		
Goal: N/A.		
Faculty:		
Gaylord: PI (10% Effort)		

*Unassigned IPF 22-0052	Gaylord (PI) \$102,484	09/01/2021-08/31/2024
Title: Supplement to Project B.R.E.A.T.H.E. (Brothers, Reclaiming, Emotional, Awareness, Tranquility, Healing & Existence): Disrupting Racialized Stress, Trauma, & Problematic Substance Use in Young Adult Black Men		
Goal: N/A		

Faculty: Gaylord: 5% (PI)

*Unassigned, DUKE/NIH IPF 21-2993	Peter Duquette (PI) \$384,470	09/01/2021-08/31/2026
Title: Risk Stratification of Postconcussive Symptoms in Children to Promote Health Outcomes and Academic Performance		
Goal: N/A		
Faculty: Duquette: 10% (PI)		

*1R21AA030121-01 IPF 21-5809	Boettiger (PI) \$414,358	04/01/2022-03/31/2024
Title: Frontolimbic circuit mediation of mindfulness training effects on behavioral flexibility in emerging adults		
Goal: This work will provide proof of concept for an accessible and inexpensive intervention to ameliorate the impairments associated with adolescent alcohol misuse, which in turn may reduce risk for future AUD. It may also identify objective targets for use in developing novel treatments to promote flexible, goal-directed actions when faced with distracting stimuli that perpetuate alcohol misuse. This approach may substantially improve our ability to cope with the public health challenges of AUDs, a leading cause worldwide of preventable death.		
Faculty: Gaylord: 0.50 CM (Co-I)		

***1R01MD017051-01 IPF 21-4002	Hernandez (Lead PI) and Gaylord (PI) \$1,893,123	09/01/2021-08/31/2025
Title: Digital health platform (DHP) to deliver Mindfulness as a Stress Management Intervention Leveraging Electronic (SMILE) health records for racial and ethnic populations during the COVID-19 pandemic		
Goal: The overall objective of this proposal is to investigate effectiveness and sustainability of our DHP, to delineate MBSR mechanisms of action by measuring changes in psychological self-reported metrics and autonomic balance using HRV, and to examine associations between COVID-19 related stress and mental health outcomes, resilience, and HRV.		
Faculty: Gaylord: 20% (PI) Faurot: 10% (Co-I)		

*2R01AG056479-01A1 IPF 21-6058	Sturmer (PI) \$3,843,093	05/01/2022-04/30/2027
Title: Propensity scores and preventative drug use in the elderly		

<p>Goal: This proposal is timely: linked data are becoming more available and the role of real-world evidence in regulatory decision making is a central discussion point. This work will directly inform clinically relevant treatment decisions, provide reliable evidence unavailable from RCTs, and improve individual and population health for older adults.</p>
<p>Faculty: Faurot: 5% (Co-I)</p>

COMPLETED

<p>*UNC Family Medicine Innovation Award</p>	<p>Hill J (PI)</p>	<p>07/01/2019-10/30/2020</p>
<p>Title: “Development of a Novel mHealth Application for Dietary Supplement Tracking—Provider Perspectives”</p>		
<p>Goal: To develop and test an mHealth application for dietary supplement tracking in three patient populations.</p>		
<p>Faculty: Faurot: PI (in kind)</p>		

<p>*NC TraCS # 2KR1221904</p>	<p>Hodges (PI)</p>	<p>12/16/2019-12/15/2020</p>
<p>Title: “Intervention mapping for a novel obesity prevention trial during infancy” Grant # 2KR1221904</p>		
<p>Goal: To plan for a future R01 aimed towards improving feeding interactions and nutrition for all infants, this TraCS grant will learn from focus groups of Black and Latinx parents about: 1) their experiences and concerns about feeding their infants and obesity risk; 2) their knowledge of and interest in learning about responsive feeding, and 3) their thoughts about proposed intervention components, including a new focus on parental mindfulness in feeding.</p>		
<p>Faculty: Gaylord: Co-I (in kind)</p>		

<p>*NC TraCS # 2KR1151907</p>	<p>Roth (PI)</p>	<p>12/16/2019-12/15/2020</p>
<p>Title: “Feasibility of Integrative Medical Group Visits in an Outpatient Setting with a High Burden of Patients with Chronic Pain” Grant # 2KR1151907</p>		
<p>Goal: To plan for a future R01 aimed towards improving feeding interactions and nutrition for all infants, this TraCS grant will learn from focus groups of Black and Latinx parents about: 1) their experiences and concerns about feeding their infants and obesity risk; 2) their knowledge of and interest in learning about responsive feeding, and 3) their thoughts about proposed intervention components, including a new focus on parental mindfulness in feeding.</p>		
<p>Faculty: Gaylord: Co-I/Mentor (in kind) Faurot: Co-I Karvelas: Co-I Alexander: Co-I</p>		

<p>*5R34AT008822-03</p>	<p>Gaylord (PI)</p>	<p>09/01/2016- 06/30/2021</p>
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NCCIH	\$150,677	[No-cost extension]
<p>Title: Making Friends with Yourself: A Depression Prevention Program for Adolescents Goal: The primary goal of this research project is to refine and test the feasibility and acceptability of an innovative depression-prevention program, "Making Friends with Yourself" (a developmentally appropriate adaptation for adolescents, based on the adult Mindful Self-Compassion program), in comparison to an attention-control program, "Taking Care of Yourself" (involving education and discussion on healthy lifestyles), with adolescents who are experiencing subsyndromal depression.</p>		
<p>Faculty: Gaylord: PI (15% effort) Faurot: Co-I (9% effort)</p>		

NC TraCS # 2KR1151904 (NCATS)	Faurot (PI)	05/15/2019-05/14/2020
<p>Title: "Development of a Novel mHealth Application for Dietary Supplement Tracking--Acquiring Patient Perspectives" Grant # 2KR1151904 Goal: To develop and test an mHealth application for dietary supplement tracking in three patient populations.</p>		
<p>Faculty: Faurot: PI (in kind) Gaylord: Co-I (in kind)</p>		

1R43M3MD012223-01 IVY.AI, Inc. NIH/National Center for Complementary & Integrative Health	McNasby (PI) / Gaylord (Subaward-PI)	07/30/2017 – 10/31/2020
<p>Title: SBIR: Artificially Intelligent Diabetes Assistant (AIDA) for African Americans with Type II Diabetes Goal: To use community-engage research strategies to develop an artificially intelligent diabetes assistant to promote diabetes self-management among African American adults with type II diabetes.</p>		
<p>Faculty: Gaylord: PI for Subaward</p>		

5R33MH100250-05 NIH/National Institute of Mental Health	Penn (PI)	04/04/2014 - 03/31/2020
<p>Title: Targeting Stress Reactivity in Schizophrenia: Integrative Coping Awareness Therapy Goal: To develop/ test mindfulness & positive psych intervention for stress reactivity in early schizophrenia.</p>		
<p>Faculty: Gaylord: Co-I (8% effort)</p>		

UNC PM&R Innovation Award	Gaylord (PI) \$30,000	08/2018-12/2019
<p>Title: Whole Health at the Center for Rehabilitation Care: An Integrative Health Model Goal: To test the feasibility and acceptability of the Personal Health Inventory and Whole Health model approach at the UNC Center for Rehabilitation Care, including piloting the implementation health self-efficacy groups, assessing utilization and interest in CAM modalities among adult PM&R patients, and developing patient and provider education in CAM and integrative health modalities.</p>		
<p>Faculty:</p>		

Gaylord: PI
Faurot: Co-I
Thompson: Co-I

1UG3AT010621-01 (UH3 pending) NCCIH/NIH	Morone, PI; Gaylord, UNC Site PI \$109,999 (direct) (Year 1 subaward – planning year)	9/29/2019-08/31/2020
Title: Group-based mindfulness for patients with chronic low back pain in the primary care setting.		
Goal: To plan for an investigation of how mindfulness training, an efficacious non-pharmacological treatment for low back pain, can be integrated into routine primary care, and the impact of this integration on key outcomes.		
Faculty: Gaylord: Site PI (10% effort) Faurot: Co-I (10% effort)		

Axovant Sciences, Inc.	Kaufer (PI) \$9,651.03	01/04/2016-06/01/2020
Title: A Phase 2b, double-blind, randomized, placebo-controlled study of RVT-101 in subjects with dementia with Lewy Bodies (DLB)		
Goal: To assess the effects of RVT-101 versus placebo on global function as measured by the Clinician’s Interview-Based Impression of Change Plus Caregiver Input (CIBIC+) after 24 weeks of treatment		
Faculty: Harris: Technical Staff (No Salary Support)		

NC TraCS \$2K Stakeholder Engagement Voucher	Roth (PI)	05/15/2019-05/14/2020
Title: “Engaging Stakeholders in Research on a Telephone-delivered Mindfulness Intervention for Rural, African American Families” Grant # SE1907		
Goal: To cultivate stakeholder engagement for our already funded NIH/National Institute on Aging parent grant (which is to develop a telephone-based delivery of a mindfulness-based intervention for rural African American informal caregivers of those with dementia) in rural Wayne and Lenoir counties, NC.		
Faculty: Roth: PI (in kind) Gaylord: Co-I (in kind)		

OTHER RESEARCH ACTIVITIES

Alexander

Co-Investigator on IRB – “Hand Motor Control in Individuals with Cerebral Palsy”

Co-Investigator on IRB - “Targeted Therapy for Finger Individuation in Children with Cerebral Palsy”

Baratta

Lead Investigator & Faculty Mentor (Patel) – “Lower extremity musculoskeletal pains in ambulatory post-stroke patients” (IRB Number 19-2403)

Co-Investigator – “Online Prediction of Gait Related Trips Post-Stroke” (IRB Number 19-2068)

Co-Investigator – “Achieving Real World Measurement and Biofeedback of Gait Propulsion” (IRB Number 20-3017)

Faculty Mentor (Truong) – “Improving Physician Knowledge of Physiatry Related Out-of-Pocket Patient Costs at UNC”

Faculty Mentor (Vijay) – Pager System Redesign

Faculty Mentor (Riden) – Stroke Rehabilitation Education Express Workout QI Project

Barton

Lead Investigator- “Cerebral Palsy Research Network (CPRN) Patient Registry: An infrastructure to capture patient/caregiver outcomes over the long-term” (IRB Number 21-1709)

Cleveland

Co-Investigator – “Mental health services needs of individuals with spinal cord injury” (with Dr. Blaise Morrison) (IRB Number: 19-1338)

Co-Investigator – “Educational needs of mental health providers with an interest in providing clinical services to survivors of spinal cord injury” (with Dr. Blaise Morrison) (IRB Number: 19-0990)

Duquette

Co-Investigator - “The Assessing & Tracking Tactical (ATTAC) Forces Initiative Project 3 Testing Health & Resilience in Veterans (THRIVE)” (IRB Number: 20-3715)

Co-Investigator - “Understanding Mental Health Stigma and Readiness to Engage in Psychotherapeutic Rehabilitation Post-Concussion” (IRB Number: 20-3457)

Co-Investigator - “Long-Term Neurodevelopmental Outcomes Following Surgery for Craniosynostosis in a Regional Population” (IRB Number: 19-1741)

Co-Investigator – “Post Concussive Symptoms in Children with Mild Traumatic Brain Injury (mTBI): A Pilot Study (IRB Number: 19-2226)

Investigator – “A precision head motion measurement tool applied and integrated with neurocognition in sport” (IRB Number: 20-0185)

Co-Investigator – “ATTAC Forces Initiative Project 2: Special Operations Forces Holistic Evaluation of Readiness in Operators (SOF-HERO)” (IRB Number 20-0899)

Consultant – “A Phase 1/2, Multicenter, Open-label, Single-dose, Dose Ranging Study to Assess the Safety and Tolerability of SB-913, a rAAV2/6-based Gene Transfer in Subjects with Mucopolysaccharidosis II (MPS II) (IRB Number 20-81000)

Co-Investigator – “Neurologic Function across the Lifespan: A Prospective, LONGitudinal, and Translational Study for Former National Football League (NFL-LONG) (IRB Number 19-1065)

Faurot

Research on Statistical Analysis on the Association between Nutritional Factors and Key Health Outcomes (funded by a gift to the department)

Systematic Review: Mind-body Interventions for Opioid-treated Pain (with Eric Garland and team)

Systematic Review: Interventions for Cancer-related Cognitive Impairment (with Zev Nakamura, Aaron Piepmeier, Jeffrey Scott Weffel, and Gilson Honvoh)

Research on Brief Mindfulness Intervention for Chronic Pain, with Carrie Brintz (PI on TraCs \$2K; Faurot, Co-I).

Filer

Independent Research Monitor – “A Modular Multi-DOF Prosthetic Wrist and Low-Level Autonomous Control for Ease-of-Use”

Gaylord

Co-investigator – “Interest in and Utilization of Complementary and Integrative Medicine in a Rehabilitation Population” (part of the Whole Health grant) (with Dr. Thompson) (IRB Number 18-2420)

Research on Brief Mindfulness Intervention for Chronic Pain, with Carrie Brintz (PI on TraCs \$2K; Gaylord, Co-I). Participated as mindfulness co-instructor for the intervention, for three cohorts.

Systematic Review: Mind-body Interventions for Opioid-treated Pain (with Eric Garland and team)

Research on Mindfulness and Exercise for Dept. of Exercise Physiology. Dr. Gaylord, who was mindfulness instructor/Interventionist for Gabriel Zieff, PI, for his master’s thesis research project, later collaborated with other investigators in submitting a manuscript on research findings.

Research on Mindfulness for Pre-menstrual distress disorder (PMDD) with Dr. Girdler, PI. Dr. Gaylord

participated in preparing a manuscript for publication which reported on the primary outcomes of this study.

Research on Nutrition for Migraine Prevention. Dr. Gaylord participated with other team members in preparing the primary outcomes manuscript as well as other publications, including attending twice monthly research group meetings.

Data Safety Monitoring Committee, November 2018 – December 2019, Serenity Study/Mindfulness for Hypertension.

Harris

Lead investigator – “Lateralization of Cognitive Impairment in Temporal Lobe Epilepsy Using the Neuropsychological Assessment Battery (NAB) Memory Module” (IRB Number: 15-1826)

Lead investigator – “Use of the Structured Inventory of Malingered Symptomatology (SIMS) in a Neuropsychological Patient Population” (IRB Number: 19-1587)

Co-investigator – “Interest in and Utilization of Complementary and Integrative Medicine in a Rehabilitation Population” (part of the Whole Health grant) (with Dr. Thompson) (IRB Number 18-2420)

Co-Investigator – “Describing cognitive and psychological functioning in former professional American football players” (with Dr. Merz) (IRB Number: 17-2754)

Co-Investigator – “A Phase 3 Study to Evaluate Efficacy and Safety of AL001 in Frontotemporal Dementia (INFRONT-3; with Dr. Bozoki)

Rauch

Patient recruitment – GPS Community Study for Adults with CP

Shuping

Co-investigator – “Educational Guide as a Tool for Improving the Medical Student Experience in Physical Medicine and Rehabilitation” with Dr. Sainburg

Co-investigator – Efficacy of scratch-collapse test in dx of Carpal Tunnel Syndrome (supervising Dr. Areson)

Co-investigator – Utilization of opiates in AIR setting (with Dr. Francis). Accepted for AAP 2020.

ASSM/AANEM poster – Triceps hypertrophy as a cause of ulnar entrapment (Accepted, with Drs. Sainburg and Boyd and Tyler Washburn, MS1)

Mentor – Anna Silverstein, MS4 - Proposal for handicap accessible transport on UNC’s Campus

Mentor – Calvin Blocker, MS4 – Literature review for Post-traumatic headache, in process

Mast Cell Activation Syndrome Work Group - with immunology, GI, cardiology – in process

Telhan

Patient recruitment – Nutrition for Lumbar Radiculopathy Study

Patient recruitment – Acute/Better Back Care Studies

Virtual Pedagogy – Study Design and Implementation Phase with Kimmy Rauch and Kaila Yeste

Thompson

Co-investigator – Whole Health at the CRC model study (with Dr. Gaylord)

Lead investigator – “Interest in and Utilization of Complementary and Integrative Medicine in a Rehabilitation Population” (part of the Whole Health grant) (IRB Number 18-2420)

Co-Investigator – “Mental health services needs of individuals with spinal cord injury” (with Dr. Blaise Morrison) (IRB Number: 19-1338)

Co-Investigator – “Educational needs of mental health providers with an interest in providing clinical services to survivors of spinal cord injury” (with Dr. Blaise Morrison) (IRB Number: 19-0990)

Co-Investigator – “Describing cognitive and psychological functioning in former professional American football players” (with Dr. Merz) (IRB Number: 17-2754)

Co-Investigator – “Memantine for Prevention of Cognitive Decline during Adjuvant or Neoadjuvant Chemotherapy in Patients with Breast Cancer” (with Dr. Zev Nakamura – K2 grant)

Presentations

International Presentations

2021 "Long COVID Syndrome." Invited presentation offered through United States Embassy to NC-Moldova Nursing Collaborative. Simultaneous translation into Romanian and Russian languages. 6/27/2021 (Baratta)

National Presentations (Completed)

- 2021 "National Grand Rounds: The Future is Now, PM&R's Role with Combating Long COVID." AAPM&R Virtual Presentation. 6/9/2021. (Baratta)
- 2021 "MSK and Neuromuscular Ultrasound: Putting it Together." Wake Forest School of Medicine Neuromuscular Ultrasound Course. Virtual Course. Winston-Salem, NC. 5/2021.
- 2021 "Setting up a Neuromuscular Ultrasound Lab." AANEM Continuing Education Virtual Course. 5/2021
- 2021 "UNC Health COVID-19 Game Changers." Invited presentation to UNC Health Foundation members. 2/24/2021 (Baratta)
- 2021 "Results from the 2020 AAP Chairs' Wellness Survey". Presented at Physiatry 21, National Virtual Presentation, 2/11/2021
- 2021 "A Double Whammy: Atypical limb deficiency presentation in patient with spinal cord injury." Co-presented with Dr. Anna Vergun, Association of Children's Prosthetic-Orthotic Clinics Meeting. 4/23/2021 (Barton)
- 2020 "The Past, Present, and Future of Pediatric Telerehabilitation." Presented at the Pediatric Rehabilitation Community Day, American Academy of Physical Medicine and Rehabilitation Annual Assembly. San Diego, CA. 11/12/2020 (Alexander)
- 2020 "COVID and Spina Bifida" Panel Discussion, UNC Spina Bifida Family Conference, Online Meeting. 10/24/2020 (Alexander)
- 2020 "Transitioning to Adult Spina Bifida Clinic", UNC Spina Bifida Family Conference, Online Meeting. 10/24/2020 (Alexander)
- 2020 "Welcome, Introductions and Overview", UNC PM&R Mild TBI Conference, Online Meeting. 10/31/2020 (Alexander)
- 2020 "From Disability to Productivity: Transitioning to Employment, Volunteerism, and Caregiving Following Stroke", American Congress of Rehabilitation Medicine Annual Meeting. 10/24/2020. (Baratta)
- 2020 "Neuropsychology and New Treatments for mild TBI", UNC PM&R Mild TBI Conference, Online Meeting. 10/31/2020 (Thompson & Harris)
- 2020 "Dysautonomia in mild Traumatic Brain Injury" UNC PMR Mild TBI Conference, 10/31/2020 (Shuping)
- 2020 "Case Presentations" and moderator for discussion UNC PMR Mild TBI Conference, 10/31/2020 (Shuping)

Statewide and Regional Presentations (Completed)

- 2021 "Integrative Medicine Approach to Patients with Chronic Pain". Department Grand Rounds, Department of PM&R, UNC School of Medicine, Chapel Hill, NC. 4/2021. (Karvelas, Barnhouse, Roth, Chilcott)
- 2021 "Post-COVID Syndrome." Invited presentation to Governor's Institute Regional Spring Meeting. 4/10/2021 (Baratta)
- 2021 "Post-COVID Syndrome." Combined Grand Rounds to UNC Surgery and Orthopedics Departments. 1/27/2021 (Baratta)
- 2021 "Cancer Rehabilitation: Strategies to Improve Function and Quality of Life" UNC Comprehensive Cancer Support Program / Palliative Care Grand Rounds 1/27/2021 (Than)
- 2021 Moderator for project ECHO, NC Action Network for NC SNFs: Covid testing and vaccination in SNF/LTC- 1/7/2021, Screening for COVID in SNF/LTC- 1/14/2021-1/21/2021 (Zinner)
- 2020 "DUHS SNF Quarterly Conference: COVID-19 Universal Testing in Long Term Care" 7/9/2020 (Zinner)

2020 “Occupational Health Update for Long-Term Care Facilities”, Statewide Program for Infection Control and Epidemiology”, 9/20/2020 (Hill)

2020 “DUHS SNF Quarterly Conference: Treatment of COVID-19 in SNF and LTC” 12/10/2020 (Zinner)

Teaching Activities

FORMAL SEMESTER COURSES

Faurot

PUBH 741 – Quantitative Methods for Healthcare Professionals

PASC 736/806 – Evidence-based Medicine I & II—Fall and Spring Semesters of 2019-2020

DPET 831—Quantitative Methods for Clinical Research—Spring 2020

Gaylord

PMED 452 – Fieldwork in Alternative and Complementary Therapies – Fall and Spring Semesters of 2019-2020

PMED 452B – Science of Medicine CAM Selective – Fall and Spring Semesters of 2019-2020

PMED 450/250 – Principles and Practices of Alternative and Complementary Therapies of Fall 2019

FMED APS 401 – CAM Selective (7 blocks out of 12 each year) – Fall and Spring Semesters of 2019-2020

PMED 601 – Mindfulness and Self-Compassion for Caring Professions – Spring Semester of 2020

Harris

EDUC 763 – Biological and Developmental Basis of Behavior – Spring Semester 2021

Shuping

PMED 401 – Introduction to Physical Medicine and Rehabilitation

PMED 401 B – Science of Medicine Selective: Introduction to Physical Medicine and Rehabilitation

PMED 401 03 – Fourth Year Student Advanced Clinical Selective: Introduction to Physical Medicine and Rehabilitation

Telhan

MTEC121 – Social and Health Systems 1 and Social and Health Systems 2. Dr. Telhan holds a Secondary Appointment in UNC’s Social Medicine Department as an Assistant Professor, responsible for 14 students and teaches 12 sessions per semester, covering topics including: medical humanities, literature, bioethics, healthcare policy, and leadership.

MTEC 304 – Social and Health Systems 4 is a required course for all Application Phase medical students based at the Chapel Hill campus of the UNC School of Medicine. It is a year-long course that provides a setting in which students can reflect on and discuss aspects of the practice of medicine that they will encounter in their clinical experiences, but may not otherwise be a part of the formal curriculum in the clinical clerkships. The course includes three component content areas: (A) Clinically Relevant Basic Science, (B) Population Health, and (C) Critical Reflection, Inter-professional Education (IPE), Advanced Communication Skills and Ethics (RICE).

HSS SOCM Scholarly Selective – 3rd and 4th Year Medical Student Advanced Humanities Selectives.

OTHER

2020 AHRQ ECHO National Nursing Home Covid-19 Action Network – North Carolina

Faculty Discussion Leader

Cohorting to Prevent Infection, Dec 3 2020

Making the Environment Safer to Prevent Infection, Dec 10 2020
 Cleaning and Disinfecting, Dec 17 2020

- 2020 "Mobility presentation to patient progression committee and Rex therapy", 9/24/2020 (Zinner)
- 2020 "Introduction to Neuropsychology," Guest speaker for UNC Clinical Rehabilitation and Mental Health Counseling assessment course, 10/29/2020 (Harris)
- 2020 "Geriatric Neuropsychology," Presentation for UNC Neurology residents, 8/27/2020 (Harris)
- 2020 "Pediatric Traumatic Brain Injury." Presentation to UNC Pediatrics. 10/14/20 (Barton)
- 2021 "Post-COVID Syndrome." Combined Grand Rounds to UNC Surgery and Orthopedics Departments. 1/27/2021 (Baratta)
- 2021 "Post-COVID Syndrome." Presentation to Pulmonary Division of Internal Medicine. 2/16/2021. (Baratta)
- 2021 "Post-COVID Syndrome." Presentation to Pulmonary Division of Internal Medicine. 2/16/2021 (Baratta)
- 2021 "Post-COVID Syndrome." Presentation to United States House Energy & Commerce Committee and American Association of Medical Colleges staff members. 4/23/2021 (Baratta)
- 2021 "Bracing and Assistive Devices" Presentation to UNC Neurology and PM&R residencies. 1/13/2021
- 2021 "Carolina First Look: Program Director Panel" Virtual recruitment and mentorship event hosted by Office of Inclusive Excellence. (Filer)
- 2021 "Neuropsychological Assessment." Presentation to UNC Clinical Psychology doctoral students (Duquette)
- 2021 UNC School of Medicine MS1 Ultrasound Course, Hands-On Training. 5/17/2021. (Karvelas)

Professional Service

National and Regional Organizations

American Academy of Cerebral Palsy and Developmental Medicine (AACPDM)

Member, Lifespan Care Committee (Rauch)
 Member, Adaptive Sports and Recreation Committee (Barton)

AACPDM Lifespan Care Committee

Member (*Rauch*)

Academic Consortium for Integrative Medicine & Health

Member, Research Working Group (*Faurot*)
 Member, Steering Committee (*Gaylord*)
 Member, Research Committee (*Gaylord*)
 Member, Policy Committee (*Gaylord*)

AMDA – The Society for Post-Acute and Long-Term Care Medicine

Member (*Thananopavarn*)

Member (*Zinner*)

American Academy of Clinical Neuropsychology (AACN)

Member (*Harris*)

Member (*Duquette*)

American Academy of Physical Medicine and Rehabilitation

Member, Telehealth Innovation Workgroup (*Alexander*)

Member, Long COVID QI Collaborative (*Baratta*)

STEP Three Examinee Evaluator for the AAPM&R STEP Ultrasound Certificate Program, AAPM&R Conference 2019, San Antonio, TX (*Karvelas*)

American Association of Neuromuscular & Electrodiagnostic Medicine (AANEM)

Symposia Committee Member (*Filer*)

Course Director (2019; 2020), Assistive Technology for Gait Disorders (*Filer*)

Co-Course Director (2019), Neuroprosthetics (*Filer*)

EDX SAE Committee 2020 (*Karvelas*)

American College of Occupational & Environmental Medicine

Task Group, ACOEM Guidelines for the Medical Evaluation of Law Enforcement Officers (*Hill*)

Alternate Delegate, SEACOM (*Hill*)

American Congress of Rehabilitation Medicine (ACRM)

Member (*Thompson*)

Task Group, Complementary and Integrative Rehabilitation Medicine (*Thompson*)

Member (*Baratta*)

Task Group, Stroke Transitions (*Baratta*)

Member (*Shuping*)

Brain Injury ISIG (*Shuping*)

American Journal of PM&R

Ad Hoc Reviewer (*Karvelas*)

Association of Academic Physiatrists (AAP)

Member, Chair's Council (*Alexander*)

Member, Wellness Committee, Chair's Council

Member, Education Committee (*Baratta*)

Member, Maintenance of Certification Self-Assessment Exam Committee (*Baratta*)

Judge, Resident and Fellow Council Essay Contest (*Baratta*)

Member, National Online Residency Curriculum Committee (*Filer*)

Member, Residency and Fellowship Program Director Council (*Filer*)

Member, Rehabilitation Medicine Scientist Training Program (*Hill*)

Member, Residency and Fellowship Program Director Council (*Rauch*)

Regional Mentor (*Shuping*)

American Public Health Association

Executive Committee Program Planning Co-Chair, Treasurer, Section Councilor, Section on Integrative, Complementary, and Traditional Health Practices (*Faurot*)
Member, Sections on Food and Nutrition, Epidemiology (*Faurot*)
Member, NC Public Health Association (*Faurot*)
Member, Sections on Integrative Complementary and Traditional Health Practices; Environment; and Alcohol and Substance Abuse (*Gaylord*)

Brain Injury Advisory Council of North Carolina
Co-Chair, Children and Youth Committee (*Duquette*)

Evidence-based Complementary and Alternative Medicine Journal
Editorial Board (*Faurot*)

Foundation for Physical Medicine and Rehabilitation
Member, Pediatric Advisory Committee (*Alexander*)

International Neuropsychological Society (INS)
Member (*Harris*)

International Society of Physical & Rehabilitation Medicine (ISPRM)
Member (*Alexander*)

Journal of Comparative Effectiveness Research
Ad Hoc Reviewer (*Faurot*)

NIH NCCIH Study Section
Ad Hoc Reviewer (*Faurot*)
Grant Review Panelist (*Gaylord*)

North Carolina Integrative Medical Society
Member of Outreach Committee (*Gaylord*)

North Carolina Psychological Association (NCPA)
Member (*Duquette*)

PM&R Journal
Ad Hoc Reviewer (*Faurot*)

Sports Neuropsychology Society
Member (*Duquette*)
Member (*Thompson*)

SPROUT-CTSA Collaborative Telehealth Research Network
Member for 2019-2024, Advisory Committee (*Alexander*)

Telehealth Innovation Workgroup, American Academy of Physical Medicine and Rehabilitation
Member 2020, (*Alexander*)

UNC-Chapel Hill Organizations

Alexander

Chair, PM&R
 Medical Director, UNC Center for Rehabilitation Care
 Director of Pediatric Rehabilitation, UNC SOM and NC Children's Hospital
 Chair, Internal Audit and Compliance Committee, UNC Faculty Physicians
 Host and Mentor, UNC BME Students' Capstone Project, UNC/NCSU
 Project Lead, Spina Bifida Transition Care QI Learning Collaborative
 Member, Wellness Committee, PM&R
 Member, Dean's Advisory Committee, UNC SOM
 Member, Education Leadership Committee, Academic Council, UNC SOM
 Member, Faculty Physicians Board, UNC Hospitals
 Member, Search Committee for Chair of Neurology, UNC SOM
 Member, Standards 1&2 Subcommittee of the UNC School of Medicine LCME Accreditation Process, UNC SOM
 Member, UNC Inpatient Rehabilitation Leadership Committee, UNC Hospitals
 Member, Hillsborough Hospital Planning Committee
 Member, Hillsborough Hospital Design Committee
 Member, Residency Program Evaluation Committee, PM&R
 Member, Space Committee, PM&R
 Member, Promotions Committee, PM&R
 Member, Diversity and Inclusion Committee, PM&R
 Member, Spine Center Executive Committee, UNC Hospitals
 Member, Medical Staff Executive Committee, UNC Hospitals
 Member, Hillsborough Tower II Steering Committee, UNC Hospitals
 Member, Spina Bifida Family Conference Planning Committee, Neurosurgery and PM&R
 Member, North Carolina Cancer Hospital Cancer Committee, NC Hospitals
 Member, UNC FP FLAIR Working Group
 Member, UNC HCS Patient Wellness Working Group
 Member, UNC Spina Bifida Family Conference Planning Committee
 Member, UNC School of Medicine Education Committee
 Member, UNC Cancer Hospital's Commission on Cancer Committee
 Member, Mild TBI Conference Planning Committee
 Member, Disability Workshop Planning Committee (2021)
 Member, Department of Surgery 5 Year Review Committee

Baratta

Medical Director of Stroke Rehabilitation, PM&R
 Founder and Co-Director, COVID Recovery Clinic
 Member, Rehab Administrative Committee, UNC Hospitals
 Member, Inpatient Rehabilitation Quality Council, PM&R
 Member, Residency Program Evaluation Committee, PM&R
 Super-User, PM&R and UNC Hospitals
 Faculty Member, Closed-Loop Engineering for Advanced Rehabilitation (CLEAR)
 Member, Conference Planning Committee, PM&R
 Member, Mild TBI Conference Planning Committee
 Member, P&O Director Search Committee, UNC Hospitals
 Member, Brain Injury Faculty Search Committee, UNC Hospitals

Barton

Associate Director of Pediatric Rehabilitation, UNC SOM and NC Children's Hospital
 Member, Residency Program Evaluation Committee, PM&R
 Chair, Pediatric Rehabilitation Search Committee, PM&R
 Member, Clinical Competency Committee, PM&R
 Facilitator, Pediatric Rehabilitation Journal Club, PM&R

Duquette

Member, Space Committee, PM&R
 Co-Director, Psychological Services and Neuropsychology Program, PM&R

Faurot

Assistant Director, Program on Integrative Medicine
 Member, PM&R Wellness Committee
 Member and Coordinator, PM&R Research Committee

Filer

Program Director, PM&R Residency Program
 Facilitator, Grand Rounds, PM&R
 Member, Clinical Competency Committee, PM&R
 Member, Education Leadership Committee, PM&R
 Member, Graduate Medical Education Committee, UNC Hospitals
 Member, Peer Coaching Program, UNC Center for Faculty Excellence
 Member, Program Evaluation Committee, PM&R
 Member, Rehab Administrative Committee, UNC Hospitals
 Member, PM&R Research Committee
 Member, Neurosurgery Chair Search Committee, UNC Hospitals

Gaylord

Director, Program on Integrative Medicine
 Director, UNC Mindfulness-Based Stress and Pain Management Program
 Member, UNC School of Medicine Well-Being Committee
 Co-Director/Member, PM&R Wellness Committee
 Member and Chair, PM&R Research Committee

Harris

Member, Wellness Committee, PM&R
 Member, Rehabilitation Patient and Family Advisory Board, UNC Hospitals
 Member, Psychology Internship Committee, UNC Chapel Hill
 Co-Chair, PM&R Diversity, Equity, and Inclusion Committee, PM&R

Hill

Medical Director, Occupational Health, UNC Chapel Hill
 Certifying Medical Authority, Biosurety Program, UNC Chapel Hill
 Member, Emergency Threat Assessment Response Team, UNC Chapel Hill
 Member, Clinical Occupational Exposures Subcommittee for Students, UNC Chapel Hill
 Member, Environment, Health and Safety Leadership Team, UNC Chapel Hill
 Member, Clinical Safety Committee, UNC Chapel Hill
 Member, Tier III Safety Huddle, UNC Health/UNC Medical Center

Member, Physician/APP COVID Response Team
 Member, COVID-19 Testing Working Group

Ingraham

Member and Chair, Non-Interventional Spine Search Committee, Spine Center, UNC Hospitals
 Member, Virtual Care Transition Committee, UNC Hospitals
 Member, Program Evaluation Committee, PM&R
 Member, Clinical Competency Committee, PM&R
 Member, Space Committee, PM&R

Karvelas

Member, Program Evaluation Committee, PM&R
 Member, Non-Interventional Spine Search Committee, Spine Center, UNC Hospitals
 Member, Clinical Competency Committee, PM&R
 Member, Spine PA Search Committee, Spine Center, UNC Hospital

Rauch

Associate Program Director, PM&R
 Facilitator, Journal Club, PM&R
 Member, Program Evaluation Committee, PM&R
 Member, Education Leadership Committee, PM&R
 Member, Rehab Administrative Committee, UNC Hospitals
 Chair, Clinical Competency Committee, PM&R

Shuping

Director, Medical Student Education, PM&R
 Medical Director, Carolina Concussion Clinic, PM&R
 Associate Medical Director, Occupational Medicine, UNC Chapel Hill
 Faculty Advisor, UNC SOM PM&R Interest Group, UNC Chapel Hill
 Advisor, Medical Student Career Advisor, UNC Chapel Hill
 PM&R Career Advisor, UNC Chapel Hill
 Member, Academy of Educators, UNC SOM
 Member, Clinical Competency Committee, PM&R
 Member, Infection Control Committee, UNC Hospitals
 Member, Program Evaluation Committee, PM&R
 Member, Rehab Administrative Committee, UNC Hospitals
 Director, Mild TBI Conference Planning Committee

Telhan

Advisor, Larry Keith Advisory College, UNC Office of the Dean of Student Affairs
 Member, Advisory Board for Literature, Medicine & Culture, UNC SOM
 Member, Admission Committee, Master's in Literature, Medicine & Culture, UNC SOM
 Member, Course Planning and Curriculum Development Committee, Department of Social Medicine
 Member, Interventional Access Committee, UNC Hospitals
 Member, Program Evaluation Committee, PM&R
 Member, Clinical Competency Committee, PM&R
 Member, Passing the Torch, UNC Academy of Educators, UNC SOM
 Member, UNC School of Medicine Committee on Admissions
 DEI Liaison, UNC Office of Inclusive Excellence

Member, Social Justice Curricular Task Force, UNC SOM

Than

Medical Director, Acute Inpatient Rehabilitation Center, UNC Hospitals
 Medical Director, UNC-Rex Rehabilitation and Nursing Care Center of Apex
 Member, Clinical Competency Committee, PM&R
 Member, Program Evaluation Committee, PM&R
 Member, Credentials Committee, UNC Hospitals
 Member, Utilization Committee, UNC Hospitals
 Member, Academy of Educators, UNC SOM
 Member, Rehab Administrative Committee, UNC Hospitals
 Member, UNC Hospitals Decompression Committee
 Member, Hillsborough Hospital Planning Committee
 Member, Inpatient Rehabilitation Transition to Hillsborough Planning Committee

Thompson

Director, Psychological Services and Neuropsychology Program, PM&R
 Co-Chair, Wellness Committee, PM&R
 Member, School of Medicine Wellbeing Committee
 Member, Program Evaluation Committee, PM&R
 Member, Concussion Conference Planning Committee, PM&R

Zinner

Medical Director, Subacute Rehab Services, Rex/UNC
 Member, Patient Progression Committee, Rex Hospital
 Member, QAPI Committee, RRNCC
 Member, Medicare Readmissions Committee, RRNCC
 Member, COVID-19 SNF Task Force, RRNCC
 Member, Epic LTC Development Committee, RRNCCre
 Member, Wellness Committee, UNC Dept PM&R.

Honors

2020 Carolina Care Excellence Award (Shuping)
 2021 Top Physical Medicine & Rehabilitation Specialist representing Raleigh, NC, in Women In Medicine

Published Interviews with Media Outlets

Baratta

“UNC Health clinic treats COVID-19 long haulers.” Televised interview with reporter Judith Retana. CBS 17 News at 5:00. Also published online: <https://www.cbs17.com/digital-stories/unc-clinic-treats-covid-19-long-haulers/> (3/4/2021)

“PM&R Bringing Collaborative Care To COVID-19 Recovery Clinic.” UNC news magazine interview with Bobby Hundley. Published on UNC Health Foundation website. <https://unhealthfoundation.org/gifts-at-work/pmr-bringing-collaborative-care-to-covid-19-recovery-clinic/> (3/11/2021)

“8 months since testing positive, COVID-19 'long-hauler' describes the daily struggle.” Televised interview with reporter Samantha Kummerer. ABC 11 News at 6:30. Also published online: <https://abc11.com/nc-covid-long-hauler-term-symptoms/10411604/> (3/15/2021)

“In It for the Long Haul.” UNC news magazine interview with reporter Megan May. Published in multiple UNC outlets including The Well and Endeavors Magazine. <https://endeavors.unc.edu/in-it-for-the-long-haul/> (3/15/2021)

“UNC doctor helps explain long-term impact of COVID-19.” Televised interview with reporter Michelle Mackonochie. WRAL News at 6:00. Also published online: <https://www.wral.com/coronavirus/unc-doctor-helps-explain-long-term-impact-of-covid-19/19587386/> and <https://www.wral.com/coronavirus/new-unc-program-helps-those-hit-hardest-by-covid-19/19590209/> (3/23/2021)

“UNC’s COVID Recovery Clinic treats patients experiencing long-term symptoms.” Daily Tar Heel newspaper interview with reporter Caroline Yaffa. Published online: <https://www.dailytarheel.com/article/2021/03/university-post-covid-syndrome-clinic> (3/23/2021)

“New UNC clinic seeks to help ‘long haulers’ for whom COVID never seems to go away.” The Raleigh News & Observer newspaper interview with reporter Richard Stradling. Lead story on front page in print edition and also published online. Distribution to The Durham Herald Sun, The Greensboro News & Record, and The Charlotte Observer. <https://www.newsobserver.com/article250177155.html> (3/29/2021)

“News on The Hill” radio interview with 97.9 The Hill News Director Brighton McConnell. Aired 4/5/2021. Recording accessible at <https://chapelboro.com/news-on-the-hill-with-brighton-mcconnell/on-air-today-with-brighton-mcconnell/on-air-today-dr-john-baratta>.

“UNC Clinic Helps COVID-19 Survivors With Persistent Symptoms.” Local news report published on Chapelboro.com. Author: Elle Kehres. <https://chapelboro.com/news/coronavirus-covid-19/unc-clinic-helps-covid-19-survivors-with-persistent-ongoing-symptoms> (4/6/2021)

“COVID-19 impacts brains of 1 in 3 patients months after infection, how to get help.” Televised interview with reporter Judith Retana. CBS 17 News at 6:00. Also published online: <https://www.cbs17.com/digital-stories/covid-19-impacts-brains-of-1-in-3-patients-months-after-infection-how-to-get-help/> (4/12/2021)

“‘It’s like I’m falling into dementia’: COVID effects linger for some NC long-haulers.” Article co-published in The Charlotte Observer, The Charlotte Post, and NC Health News. Distribution includes Indy Weekly and the Pulitzer Center. <https://www.charlotteobserver.com/news/coronavirus/article251366808.html> (5/17/2021)

“I figured you were OK”: Black patients’ COVID symptoms more often dismissed, downplayed.” Article published on NC Health News. Author: Melba Newsome. <https://www.northcarolinahealthnews.org/2021/05/24/black-patients-covid-symptoms-more-often-dismissed-downplayed> (5/24/2021)

Baratta & Thompson

“For us COVID long-haulers, disease hardships could last years.” Article published on popular media site Salon.com. Author: Meaghan Mullholland. <https://www.salon.com/2021/05/23/what-is-long-covid-post-acute-covid-syndrome/> (5/23/2021)

Appendix A – Departmental Teaching Summary by Faculty

Rotation Directors

Baratta

Stroke Rehabilitation (Director)

Barton

Pediatric Rehabilitation (Director)

Cleveland

Spinal Cord Injury (Director)

Filer

Electrodiagnostic Medicine (Co-Director)

Inpatient Rehabilitation (Co-Director)

Karvelas

Electrodiagnostic Medicine (Co-Director)

Rauch

Inpatient Rehabilitation (Co-Director)

Outpatient Clinic Rehabilitation (Director)

Shuping

Electrodiagnostic Medicine (Co-Director)

Outpatient Clinic Rehabilitation (Director)

Telhan

Spine Clinic (Director)

Thananopavarn

Inpatient Rehabilitation (Co-Director)

Subacute Rehabilitation (Co-Director)

Rehabilitation consults

Zinner

APP Education (Co-Director)

Subacute Rehabilitation (Co-Director)

Didactic Block Responsibility

Baratta

Stroke Rehabilitation, 3 weeks

Professionalism, 2 weeks

Barton

Pediatric Rehabilitation, 3 weeks

Cleveland

Spinal Cord Injury, 6 weeks

Filer

Intro to Rehab, 8 weeks

Bone Joint and Connective Tissue, 3 weeks

Brain Injury, 2 weeks

Hill

Occupational Medicine and Burn, 2 weeks

Research, 2 weeks

Ingraham

Workshops (Anatomy, PE, US), 12 weeks

Karvelas

Workshops (Anatomy, PE, US), 12 weeks

Rauch

Neuro Rehab (MS, Parkinson's, Guillain Barre), 3 weeks

Orthotics, 2 weeks
Prosthetics, 3 weeks
Case Presentations and Oral Board Reviews, 3 sessions

Shuping

Sports Module, 3 weeks
Modalities Module, 3 weeks

Telhan

Spine and Pain, 4 weeks

Thananopavarn

Geriatric Medicine, 2 weeks
Integrative Medicine, 2 weeks
Cancer and Cardiac Rehab, 2 weeks

Thompson

Physician Wellness & Burnout, 3 weeks

Lectures Given to UNC PM&R Residents

Baratta

7/27/2020 – “Introduction to Amputee Rehabilitation”
7/30/2020 – “Stroke Rehabilitation Medical Perspective”

Barton

4/2/20 - “Introduction to Pediatric PM&R”
4/2/20 - “Pediatric Development”
4/16/20 - “Pediatric Neuromuscular Disease”
4/16/20 – “Pediatric Neuromuscular SAE Review”
2/12/20 - “Common Gait Patterns in Children with Disabilities”
2/12/20 - “Pediatric Lower Limb Bracing”

Cleveland

7/16/2020 – “Bowel and Bladder 101”

Filer

7/02/2020 – “Introduction to Rehab – Part 1”
7/09/2020 – “DVT PPX guidelines”
7/25/2020 – “Introduction to Rehab – Part 3”

Ingraham

08/20/2020 – “Knee Physical Exam and Ultrasound Workshop”
11/19/2020 – “Elbow Physical Exam and Ultrasound Workshop”
10/15/2020 – “Wrist/Hand Physical Exam and Ultrasound Workshop”
11/19/2020 – “Elbow/Forearm Physical Exam and Ultrasound Workshop”
2/18/2021 – “Foot/Ankle Physical Exam and Ultrasound Workshop”
3/18/2021 – “Nerve of upper limb / Cervicothoracic Spine Physical Exam and Ultrasound Workshop”
4/15/2021 – “Hip / Sacroiliac Joint Physical Exam and Ultrasound Workshop”
5/20/2021 – “Nerves of lower limb / Lumbosacral Spine Physical Exam and Ultrasound Workshop”

Karvelas

5/2021 “Nerves of the Lower Limb Hands-On Didactic.” Resident Educational Didactic Series. Department of

PM&R, University of North Carolina School of Medicine, Chapel Hill, NC.

4/2021 "Hip/SI Joint Ultrasound Lecture and Hands-On Didactic." Resident Educational Didactic Series.

Department of PM&R, University of North Carolina School of Medicine, Chapel Hill, NC.

3/2021 "Nerves of the Upper Limb Ultrasound Lecture and Hands-On Didactic." Resident Educational Didactic Series. Department of PM&R, University of North Carolina School of Medicine, Chapel Hill, NC.

2/2021 "Foot/Ankle Ultrasound Lecture and Hands-On Didactic." Resident Educational Didactic Series.

Department of PM&R, University of North Carolina School of Medicine, Chapel Hill, NC.

11/2020 "Elbow/Forearm Ultrasound Lecture and Hands-On Didactic." Resident Educational Didactic Series.

Department of PM&R, University of North Carolina School of Medicine, Chapel Hill, NC.

10/2020 "Wrist/Hand Ultrasound Lecture and Hands-On Didactic." Resident Educational Didactic Series.

Department of PM&R, University of North Carolina School of Medicine, Chapel Hill, NC.

9/2020 "Shoulder Ultrasound Lecture and Hands-On Didactic." Resident Educational Didactic Series.

Department of PM&R, University of North Carolina School of Medicine, Chapel Hill, NC.

8/2020 "Knee Ultrasound Lecture and Hands-On Didactic." Resident Educational Didactic Series. Department of PM&R, University of North Carolina School of Medicine, Chapel Hill, NC.

8/2020 "Introduction to Electrodiagnostics and Neuromuscular Ultrasound" (Virtual Lecture Series)

Rauch

07/08/2020 – Journal Club Moderator for "Transcutaneous innervation zone imaging from high-density surface electromyography recordings"

08/12/2020 – Journal Club Moderator for ""Perineural Platelet-Rich Plasma for Diabetic Neuropathic Pain, Could It Make a Difference?"

09/09/2020 – Journal Club Moderator for "Neurofunctional changes after a single mirror therapy intervention in chronic ischemic stroke"

Shuping

08/27/2020 – "Introduction to Modalities"

08/27/2020 – "Other Modalities"

09/03/2020 – "Therapeutic Exercise"

09/03/2020 – "Manual and Other Therapies"

09/10/2020 – "Modalities Workshop"

09/24/2020 – "Common Ailments and Injuries of the Knee"

09/24/2020 – "Exertional Compartment Syndrome"

10/01/2020 – "Shoulder Injuries and Treatment"

10/01/2020 – "Female Athlete Triad"

10/08/2020 – "MSK/Sports SAE Review"

Telhan

08/13/2020 – "Building a Curriculum for Structural Competence"

Thompson

08/13/2020 – "Building a Curriculum for Structural Competence"

Than

10/22/2020 – "Geriatric Physiology"

10/22/2020 – "Geriatric assessment"

10/22/2020 – "Delirium/TBI"

10/29/2020 – "Falls"

10/29/2020 – "Medicare/SNF"

Zinner

10/29/2020 – “Osteoporosis”

10/29/2020 – “Hip Fractures”

Mentorship Responsibilities

To UNC PM&R Residents

Baratta

1 PGY-2 (Tompary)

Barton

1 PGY-3 (Yeste)

Filer

3 PGY-1's (DeHority, Kodsi, Melson)

Ingraham

1 PGY-3 (Vijayaraghavan)

1 PGY-4 (Sainburg)

Karvelas

1 PGY-3 (Riden)

Rauch

1 PGY-4 (Truong)

Shuping

1 PGY-4 (Patel)

Telhan

2 PGY-2's (Siano and Sharp)

To Others

Alexander

Doctoral Dissertation Research Advisory Committee Member, James McCall, Biomedical Engineering, NCSU

Baratta

Mentor for Team Alphabet (Biomedical engineering team) studying phantom limb pain

Duquette

Doctoral Dissertation Research Advisor, Paige Landau, School Psychology, UNC School of Education

Faurot

Doctoral Dissertation Committee member, Henry Zhang, Epidemiology, UNC Gillings School of Global Public Health

Mentor for T32 Predoctoral Fellow, Gilson Honvoh

Mentor for T32 Postdoctoral Fellow, Jacob Hill

Mentor for T32 Postdoctoral Fellow, Vanessa Miller

Co-mentor for T32 Postdoctoral Fellow, Isabel Roth

Research Mentor for Resident Simonne Francis

Research Mentor for Resident Greg Franklin

Mentor for Visiting Scholar, Jinyoung Park

Mentor for Physician Assistant students (Capstone papers)

Gaylord

Mentor for T-32 Postdoctoral Fellow Carrie Brintz

Mentor for T-32 Postdoctoral Fellow Jessica Barnhill

Mentor for T-32 Postdoctoral Fellow Christine Lathren

Mentor for T-32 Postdoctoral Fellow Isabel Roth

Program mentor/co-mentor for All six post-doctoral fellows, along with Doug Mann.

Mentor for post-doctoral fellow Dr. Jeffrey Proulx, PhD, Oregon State University on his NIH NCCIH K99/R00 award on Mindfulness to manage diabetes in Native Americans.

Reader for Physician Assistant Student. Jeremy Jones (Reiki capstone paper).

Mentor for Psychiatry Resident, Madison Piotrowski, MD (Research Track – Project: Lifestyle Medicine)

Mentor for Zachary Boggs, 2nd Year Medical Student, on Medical Student Wellness Committee

Shuping

Mentor, 7 different 4th year medical students, UNC