Faculty Education & Scholarship Summary Report  
July 1, 2019 – June 30, 2020  
Department of Physical Medicine and Rehabilitation  
UNC School of Medicine

Faculty

Joshua Alexander, MD  
JM Baratta, MD, MBA  
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

Joshua Alexander, MD  
JM Baratta, MD, MBA  
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

Bibliography

PUBLISHED

   PMID: 31227140.


5. Lichtenstein, J.D., Merz, ZC. Post-Exertion Neuropsychological Testing in the Management of Sport-Related Concussion.  


   Adapting Mindfulness Training for Military Service Members With Chronic Pain.  

   Mind-Body Therapies for Opioid-Treated Pain: A Systematic Review and Meta-analysis.  


IN PRESS


SUBMITTED
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.)
5. 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).
12. Andersen, Elizabeth; Geiger, Paul; Tauseef, Hafsa; Schiller, Crystal; Bluth, Karen; Watkins, Lana; Xia, Kai; Zhang, Ying; Leserman, Jane; Gaylord, Susan; Girdler, Susan. Effects of Mindfulness-Based Stress Reduction on Acute Pain and Stress Reactivity in Women with Early Life Abuse: A Randomized Controlled Trial. Psychosomatic Medicine. (Under revision.

BOOK CHAPTERS


PUBLISHED ABSTRACTS

1. None

MEETING ABSTRACTS/POSTERS

1. Jessica Barnhill, MD¹, Isabel Roth, DrPH, MS, Gilson Honvoh, MS, Chanee Lynch, MPH, Kim Faurot, PA, PhD, Karla Thompson, PhD and Susan Gaylord, Ph.D. Applying a holistic curriculum at a rehabilitation center to advance integrative health services. American Public Health Association. November 2-6, 2019. Philadelphia, PA.


3. Christine Lathren, MD, MSPH, Jinyoung Park, MS, Karen Bluth, PhD, Susan Gaylord, PhD, Bharathi Zvara, MS, PhD. Self-Compassion and Parent-Pre-Adolescent Relationships. Society for the Study of Human Development. October 11-13, 2019, Portland, OR.


**NEWSLETTER ARTICLES**

**PM&R Departmental Newsletter:**


6. **Gaylord**, PM&R/Program on Integrative Medicine Researchers Join $945 Million NIH HEAL Initiative to Combat Opioid Epidemic. (Announcement about Department’s HEAL funding)


8. **Harris**, Wheel of Wellness Interview of Margaret Drickamer – 10/25/2019

9. **Gaylord & Faurot**. Announcement about recent publication in JAMA Internal Medicine regarding multi-institution systematic review and meta-analysis of Mind-body therapies for Opioid Treated Pain (Garland et al.) – 11/22/2019

10. **Thompson**, Wheel of Wellness Interview of Elizabeth Barton – 11/22/2019

11. **Harris**, Words about Wellness article entitled “Sleep: The Most Important Aspect of Wellness of All” – 12/6/2019

12. **Harris**, Words about Wellness article entitled “Wellness Myths” – 12/20/2019

13. **Faurot**, Wheel of Wellness Interview of Gregory Franklin – 1/10/2020

14. **Faurot**, Words about Wellness article entitled “APHA Wellness Tips” – 1/10/2020

15. **Gaylord**, Words about Wellness article entitled “Altered Traits” – 2/7/2020


17. **Thompson**, Words about Wellness article entitled “COVID-19” – 3/20/2020

18. **Thompson**, Wheel of Wellness Interview of Peter Duquette – 3/20/2020

19. **Harris**, Wheel of Wellness Interview of Blaise Morrison – 4/3/2020

20. **Faurot**, Wheel of Wellness Interview of Kimberly Rauch – 5/15/2020

21. **Harris**, Wheel of Wellness Interview of Christina Del Riego – 5/29/2020

22. **Harris**, Words about Wellness article entitled “Safety Net Resources” – 5/29/2020

23. **Telhan**, Diversity, Equity, and Inclusion message – 6/12/2020
**Grants, Contracts & Clinical Trials**

### FUNDED

<table>
<thead>
<tr>
<th>Grant Number</th>
<th>PI/Co-I</th>
<th>Funding Agency</th>
<th>Funding Amount</th>
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<tr>
<td>1UG3AT010621-01 (UH3 pending)</td>
<td>Morone, PI; Gaylord, UNC Site PI</td>
<td>NCCIH/NIH</td>
<td>$109,999 (direct) (Year 1 subaward – planning year)</td>
<td>9/29/2019</td>
<td>08/31/2020</td>
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</table>
| **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) |
| 4R33MH110027-03 | Dichter (PI) | National Institute of Mental Health | $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) |
| 1R01EB024570-01 | Huang (PI) | NCSU/NIH | 08/15/2018 – 08/14/2021 |
| **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 | Cassidy (PI) | NIH/NICHD | 12/16/2019 – 12/15/2020 |
| **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) |
| NC TraCS # 2KR1221904 | Hodges (PI) | 12/16/2019-12/15/2020 |
| **Title**: “Intervention mapping for a novel obesity prevention trial during infancy” Grant # 2KR1221904  
**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.

**Faculty:**
- Gaylord: Co-I (in kind)

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<tr>
<th>NC TraCS # 2KR1151907</th>
<th>Roth (PI)</th>
<th>12/16/2019-12/15/2020</th>
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<tr>
<td><strong>Title:</strong> “Feasibility of Integrative Medical Group Visits in an Outpatient Setting with a High Burden of Patients with Chronic Pain” Grant # 2KR1151907</td>
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<tr>
<td><strong>Goal:</strong> 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.</td>
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<td><strong>Faculty:</strong></td>
<td>Gaylord: Co-I/Mentor (in kind)</td>
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<td>Faurot: Co-I</td>
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<td>Karvelas: Co-I</td>
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<td>Alexander: Co-I</td>
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<th>NC TraCS # 2KR1151904 (NCATS)</th>
<th>Faurot (PI)</th>
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<tr>
<td><strong>Title:</strong> “Development of a Novel mHealth Application for Dietary Supplement Tracking—Acquiring Patient Perspectives” Grant # 2KR1151904</td>
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<td><strong>Goal:</strong> To develop and test an mHealth application for dietary supplement tracking in three patient populations.</td>
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<td><strong>Faculty:</strong></td>
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<th>UNC Family Medicine Innovation Award</th>
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<th>07/01/2019-10/30/2020</th>
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<td><strong>Goal:</strong> To develop and test an mHealth application for dietary supplement tracking in three patient populations.</td>
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<th>Roth (PI)</th>
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<td><strong>Title:</strong> “Engaging Stakeholders in Research on a Telephone-delivered Mindfulness Intervention for Rural, African American Families” Grant # SE1907</td>
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<td><strong>Goal:</strong> 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.</td>
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<td><strong>Faculty:</strong></td>
<td>Roth: PI (in kind)</td>
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<td>Gaylord: Co-I (in kind)</td>
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| R21 NIH | Gaylord (PI) | 02/01/2019-1/31/2021 |
**Title:** Easing the Burden of Dementia Caregiving: A Telephone-delivered Mindfulness Intervention for Rural, African American Families  

**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.

**Faculty:**  
- Gaylord: Co-I (15% effort)  
- Faurot: Co-I (10% effort)

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<tr>
<th>UNC PM&amp;R Innovation Award</th>
<th>Gaylord (PI)</th>
<th>08/2018-12/2019</th>
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<td><strong>Title:</strong> Whole Health at the Center for Rehabilitation Care: An Integrative Health Model</td>
<td>$30,000</td>
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<td><strong>Goal:</strong> 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&amp;R patients, and developing patient and provider education in CAM and integrative health modalities.</td>
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<td><strong>Faculty:</strong></td>
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<td>Gaylord: PI</td>
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<td>Faurot: Co-I</td>
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<td>Thompson: Co-I</td>
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<th>PR141560</th>
<th>Kenney (PI)</th>
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<td>Department of Defense, Henry Jackson Foundation for the Advancement of Military Medicine</td>
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<tr>
<td><strong>Title:</strong> Targeted Alteration of Dietary Omega-3 and Omega-6 Fatty Acids for the Treatment of Post-Traumatic Headache</td>
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<td><strong>Goal:</strong> 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.</td>
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<td><strong>Faculty:</strong></td>
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<td>Faurot: Site PI (23% effort)</td>
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<th>1 R34 AT008822-01A1</th>
<th>Gaylord (PI)</th>
<th>09/01/2016- 12/31/2020</th>
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<td>NCCIH</td>
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<tr>
<td><strong>Title:</strong> Making Friends with Yourself: A Depression Prevention Program for Adolescents</td>
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<td><strong>Goal:</strong> The primary goal of this research project is to refine and test the feasibility and acceptability of an innovative depression-prevention program, &quot;Making Friends with Yourself&quot; (a developmentally appropriate adaptation for adolescents, based on the adult Mindful Self-Compassion program), in comparison to an attention-control program, &quot;Taking Care of Yourself&quot; (involving education and discussion on healthy lifestyles), with adolescents who are experiencing subsyndromal depression.</td>
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<td><strong>Faculty:</strong></td>
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<td>Gaylord: PI (15% effort)</td>
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<td>Faurot: Co-I (9% effort)</td>
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<td>T32-AT003378</td>
<td>NIH</td>
<td>(Gaylord/Mann (PIs))</td>
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<td>1R43M3MD012223-01</td>
<td>NIH/National Center for Complementary &amp; Integrative Health</td>
<td>McNasby (PI) / Gaylord (Subaward-PI)</td>
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<td>R21/R33</td>
<td>NIH/National Institute of Mental Health</td>
<td>Penn (PI)</td>
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**Title:** Research Training Fellowship in Complementary and Integrative Healthcare  
**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.  
**Faculty:**  
- Gaylord: Lead PI (No Salary Support)

**Title:** 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.  
**Faculty:**  
- Gaylord: PI for Subaward

**Title:** 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.  
**Faculty:**  
- Gaylord: PI for Subaward

**Title:** Targeting Stress Reactivity in Schizophrenia: Integrative Coping Awareness Therapy  
**Goal:** To develop/ test mindfulness & positive psych intervention for stress reactivity in early schizophrenia.  
**Faculty:**  
- Gaylord: Co-I (8% effort)

**Title:** Research Training Fellowship in Complementary and Integrative Healthcare  
**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.  
**Faculty:**  
- Gaylord: Lead PI (No Salary Support)

**CLINICAL TRIALS**

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<th>Sponsor</th>
<th>PI</th>
<th>Start Date</th>
<th>End Date</th>
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<td>AbbVie, Inc</td>
<td>Kaufer (PI)</td>
<td>01/04/2016-07/01/2019</td>
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**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)
SUBMITTED

<table>
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<tr>
<th>1UH3AT010621-01</th>
<th>Morone (PI), Gaylord (UNC Site PI)</th>
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<td>NCCIH/NIH</td>
<td>$1,635,451 (direct and indirect)</td>
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**Title:** Group-based mindfulness for patients with chronic low back pain in the primary care setting.

**Goal:** To integrate mindfulness training, an efficacious non-pharmacological treatment for low back pain, into routine primary care, and to evaluate the impact of this integration on key outcomes.

**Faculty:**
- Gaylord: Site PI (25% effort Year 1, 20% effort Years 2-4)
- Faurot: Co-I (25% effort Year 1, 20% effort Years 2-4)

DoD

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<tr>
<th>Hernandez (PI)</th>
<th>Submitted June 16, 2020</th>
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**Title:** Evaluation of Mindfulness as a Stress Management and Resilience Building Intervention for Healthcare Workers – S.M.A.R.T. Care

**Goal:** The proposed research project addresses topics encouraged under the FY20 Peer Reviewed Medical Research Program (PRMRP) Expansion Award Topic Area of Emerging Viral Diseases and focuses on direct and indirect impacts of COVID-19 on behavioral and mental health issues and development and testing of potential countermeasures to mitigate negative impacts and maximize service-member resilience to stressor related to pandemics and disasters. The project builds on previous work on distance-based mindfulness training and an app.-based training program (Heart Rate Variability (HRV) Biofeedback-Assisted Resilience Training -BART), that integrated a mobile health app (mHealth), a wearable heart rate monitor, and a personalized medicine intervention (HRV biofeedback). Specifically, the proposed project will further develop the BART platform to adapt and evaluate two forms of online mindfulness as a Stress Management and Resilience Building Intervention for Healthcare Workers (S.M.A.R.T. CARE) at military and civilian medical centers during the current “COVID crisis”.

**Faculty:**
- Gaylord: Co-I (20% for first two years and 18% for third year)

R34

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<tr>
<th>Kelley (PI)</th>
<th>Submitted October 2019</th>
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**Title:** Adaptation of Mindfulness to Treat Moral Injury in Veterans

**Goal:** To develop and test the feasibility of internet-based mindfulness program adapted to treat moral injury in veterans.

**Faculty:**
- Gaylord: Co-I (8.3 percent for each of three years)

R01

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<th>Giscombe (Lead PI); Gaylord (PI)</th>
<th>Resubmitted November 4, 2019</th>
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**Title:** The HARMONY Study – A culturally relevant, randomized controlled stress management intervention to reduce cardiometabolic risk in African American women.

**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.

**Faculty:**
- Gaylord: PI (20% effort in year one)
- Faurot: Co-I (10% effort in year one)
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<tr>
<th>Project ID</th>
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<td>1R21HD095139-01</td>
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<td>04/01/2018 – 03/31/2020</td>
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<td>to improve</td>
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<td>manual dexterity</td>
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<td>Faculty:</td>
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<tr>
<td>Alexander: Co-I</td>
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<tr>
<td>(6% effort)</td>
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<tr>
<td>R01 BME/NCSU</td>
<td>Huang (PI)</td>
<td>03/01/2020-2/28/2025</td>
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<tr>
<td>Title: Modulation</td>
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<td>of a Powered</td>
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<td>Knee Prosthesis</td>
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<td>using a novel</td>
<td>Reinforcement Learning-based tuning system and Visual Biofeedback</td>
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<tr>
<td>and Visual</td>
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<td>Biofeedback</td>
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<td>Goal: The</td>
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<td>objective of this</td>
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<td>study is to</td>
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<td>implement a</td>
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<td>novel machine</td>
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<td>learning strategy</td>
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<td>(Reinforcement</td>
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<td>Learning) to</td>
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<td>tune a powered-</td>
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<td>knee prosthesis</td>
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<td>for subjects</td>
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<td>with a unilateral</td>
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<td>above knee</td>
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<td>amputation.</td>
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<td>Effects on gait</td>
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<td>metrics (biomechanics, symmetry, perceived effort)</td>
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<td>will be measured</td>
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<td>for prosthetic</td>
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<td>and intact limbs.</td>
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<td>Subsequently, a</td>
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<td>visual biofeedback system will be employed to train</td>
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<td>subjects in the</td>
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<td>use of the device, with the</td>
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<td>goal of additional improvement in gait biomechanics.</td>
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<td>Faculty:</td>
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<td>Filer: Co-I (10%</td>
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<td>Effort)</td>
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<tr>
<td>NIH R01 BME/NCSU</td>
<td>Sharma (PI)</td>
<td>03/01/2021-2/28/2026</td>
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<tr>
<td>Title: Person-specific FES and Exoskeleton Assistance for</td>
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<td>High Power and</td>
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<td>Fatigue Resistant</td>
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<td>Mobility in People</td>
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<td>with Paraplegia</td>
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<td>Goal: This study aims to integrate functional electrical</td>
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<td>stimulation with</td>
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<td>a powered exoskeleton to facilitate sit to stand transfers</td>
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<td>and ambulation</td>
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<td>for people with</td>
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<td>paraplegia. It</td>
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<td>will employ a</td>
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<td>novel muscle</td>
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<td>ultrasound</td>
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<td>paradigm to</td>
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<td>monitor muscle</td>
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<td>fatigue and</td>
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<td>modulate FES</td>
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<td>output based on</td>
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<td>fatigue and</td>
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<td>expected intrinsic power generation using a person-specific</td>
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<td>mathematical model.</td>
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<td>Faculty:</td>
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<td>Cleveland: Co-I</td>
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<td>(5% Effort)</td>
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<td>Filer: Co-I (5%</td>
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<td>Effort)</td>
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<td>NIH UG3/UH3</td>
<td>Asher (PI)</td>
<td>Submitted March 15, 2019</td>
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<td>Title: Carolina</td>
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<td>$458,901 (Direct) (Year 1 – Planning Year)</td>
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<td>Alliance to</td>
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<td>Study Acupuncture</td>
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<td>for Back Pain</td>
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<td>in Older Adults</td>
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<td>— Phase 1, feasibility: Pragmatic RCT to test effectiveness</td>
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<td>of mindfulness</td>
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<td>training to</td>
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<td>improve pain and</td>
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<td>chronic low back</td>
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<td>Faculty:</td>
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<tr>
<td>Faurot: Co-I (Co-author of proposal) (25% effort Yr 1; 30%</td>
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<td>Yrs 2-3; 40% effort Yr 5)</td>
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</table>
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%)

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Title: A personalized, community-based rehabilitation system to improve daily functions of stroke survivors

Goal: Develop a personalized community-based rehabilitation system to improve daily functions of these stroke survivors. The system will include three essential components: a nanomaterial-enabled multifunctional wearable sensor network to monitor arm and leg functional activities; a low-power data acquisition, processing, and transmission protocol; and a smart App to set personalized training schedule, provide feedback on the training progress and movement quality, and communicate training outcomes to the users and clinicians.

Faculty:
  - **Baratta**: Co-I (4% Effort)

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Title: Rehabilitation Engineering Research Center – Assisting Stroke Survivors with Engineering Technology

Goal: Conduct advanced engineering research and develop innovative technologies to improve functioning for stroke survivors.

Faculty:
  - **Baratta**: Medical Director, Clinical Core (10% Effort)

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**OTHER RESEARCH ACTIVITIES**

**Alexander**
Advisor on IRB – “Transition of Youth with Cerebral Palsy”
Co-Investigator on IRB – “Hand Motor Control in Individuals 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)
Faculty Mentor (Truong) – “Improving Physician Knowledge of Physiatry Related Out-of-Pocket Patient Costs at UNC”

**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 – “Post Concussive Symptoms in Children with Mild Traumatic Brain Injury (mTBI): A Pilot Study
**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 Piepmeyer, 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**

**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 52-Week Open-Label Extension Study of Pimavanserin in Adult and Elderly Subjects with Neuropsychiatric Symptoms Related to Neurodegenerative Disease (with Dr. Kaufer) (external IRB)
Co-Investigator – “Advancing Research and Treatment for Frontotemporal Lobar Degeneration (ARTFL) (with Dr. Kaufer) (IRB Number: 14-2932

**Lipscomb-Hudson**
Patient recruitment – Whole Health for Life Model Study

**Merz**
Principle Investigator – “Assessment of Aggression and Stress Reactivity Across Music Genres” (IRB Number: 19-1467)

**Rauch**
Patient recruitment – GPS Community Study for Adults with CP

**Shuping**
Patient recruitment – Nutrition for Lumbar Radiculopathy Study
Patient recruitment – Acute/Better Back Care Studies
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 (In development, with Dr. Boyd and Tyler Washburn, MS1)

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

National Presentations (Solicited)

2019  “Diagnosis and Management of Non-Sports Related Concussion (nSRC): An Interdisciplinary Approach” Accepted as a 4-hour symposium to be given, American Congress of Rehabilitation Medicine. Chicago, IL. 11/5/2019. (Harris and Shuping)


National Presentations (Invited)
2020  “Online Mental Health Platforms.” Online lecture for the “Take Flight, Together – A Virtual Mental Health Event.” (Harris)


**Statewide and Regional Presentations (Invited)**

**Alexander**

**Baratta**


**Cleveland**


**Duquette**
“Overview of School-Based Interventions for Students with Concussions,” Webinar for the North Carolina Department of Public Instruction (NCDPI), 08/2019.

**Gaylord**


“Introduction to Mindfulness and the OPTIMUM study”. Piedmont Health Services, Behavioral Therapists group. 02/19/2020.

“Managing Stress and Building Resilience with Mindfulness.” Department of Radiology, 12/20/2019.


**Karvelas**
“Introduction to Neuromuscular Ultrasound” UNC Neurology Lecture Series, 03/2020.


**Lipscomb-Hudson**
“Promoting Sustainable Weight Loss: Coordinated Weight Management Across UNC Health Care.” UNC Family Medicine Grand Rounds, Chapel Hill, NC. 07/10/2019


**Hill**

Shuping
“Mild TBI in Teens and Adolescents”, Pediatric Grand Rounds, UNC Pediatrics-Renaissance. Durham, NC. 03/12/2020

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 2020

**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

Cleveland
“Admission Discharge,” Lunch-and-Learn lecture to Adult Inpatient Rehab Therapy Staff, UNC Rehabilitation Services, Chapel Hill, NC. 07/2019.
“SCI population and metastatic cancer,” Lunch-and-Learn lecture to UNC’s Lineberger Cancer Hospital’s Acute Care Therapists, UNC Oncology, Chapel Hill, NC. 11/14/2019.

Duquette
“Neuropsychological Assessment,” Class lecture to UNC clinical psychology doctoral students, Davie Hall, Chapel Hill, NC. 10/2019.

Filer
“Medical and Pharmacological Management of Traumatic Brain Injury.” To UNC Consult Liaison Psychiatry Program. Chapel Hill, NC. 02/12/2020.
“Coaching and Mentoring in Academic Medicine” To UNC Department of Physical Medicine & Rehabilitation. Chapel Hill, NC. 02/12/2020.
“Clinical Primer in Diagnostic Electromyography.” To UNC-NC State Joint Department of Biomedical Engineering, Chapel Hill, NC. 05/1/2020.

Harris

Karvelas

Telhan
“Professional Identify Formation,” Presentation to LKAC Advisory College and Student Affairs, UNC-CH, Chapel Hill, NC. 02/2020.
“Mentoring for the Medical Trainee,” Presentation to the LKAC Advisory College and Student Affairs, UNC-CH, Chapel Hill, NC. 03/2020.

Thompson

Professional Service

National and Regional Organizations

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)

American Academy of Physical Medicine and Rehabilitation
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)

American College of Occupational & Environmental Medicine
Task Group, ACOEM Guidelines for the Medical Evaluation of Law Enforcement Officers (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, Education Committee (Baratta)
Member, Maintenance of Certification Self-Assessment Exam Committee (Baratta)
Member, Abstract Reviewer at the 2019 Annual Meeting (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)

Journal of Comparative Effectiveness Research  
Ad Hoc Reviewer (Faurot)

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

North Carolina Academic PM&R  
Host, Annual Conference (Alexander)

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)

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  
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

Baratta
Medical Director of Stroke Rehabilitation, PM&R
Member, Rehab Administrative Committee, UNC Hospitals
Member, Residency Program Evaluation Committee, PM&R
Super-User, PM&R and UNC Hospitals
Faculty Member, Closed-Loop Engineering for Advanced Rehabilitation (CLEAR)

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, SOM
Member, Rehabilitation Patient and Family Advisory Board, UNC Hospitals

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

Hudson
Co-Chair, Diversity and Inclusion Committee, PM&R
Director, Weight Loss and Lifestyle Medicine (WeLL-Me) Program, UNC Chapel Hill
Member, UNC Hospital Weight Management Clinical Advisory Committee
Member, Search Committee for OB/Gyn Chairman, UNC School of Medicine
Member, Total Well-Being Advisory Board, UNC Chapel Hill
Member, Faculty Search Committee for Pediatric Rehabilitation and Neuro-Rehabilitation positions
Member, Interdisciplinary Stroke Committee, UNC Hospitals
Member, Clinical Competency Committee, PM&R
Member, Program Evaluation Committee, PM&R
Member, Rehab Administrative Committee, UNC Hospitals
Member, Wellness Committee, PM&R

Ingraham
Member and Chair, Non-Interventional Spine Search Committee, Spine Center, 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

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, Clinical Competency Committee, PM&R
Member, Infection Control Committee, UNC Hospitals
Member, Program Evaluation Committee, PM&R
Member, Rehab Administrative Committee, UNC Hospitals
Member, Faculty Search Committee for Neurorehabilitation and Pediatric Rehabilitation positions, PM&R

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

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, RRNCC

Honors

Alexander

Cleveland

Filer

Hill

Ingraham

Telhan
“Educational Module of the Year” Recipient (Tie) for his “Pain and Spine” Module, Residency Program Awards, 2019-2020.
Appendix A – Departmental Teaching Summary by Faculty

Rotation Directors

Alexander
Pediatric Rehabilitation (Director)
Baratta
Inpatient Rehabilitation (Co-Director)
Neurology Stroke Fellowship PM&R Rotation (Director)
Cleveland
Spinal Cord Injury (Director)
Filer
Electrodiagnostic Medicine (Co-Director)
Inpatient Rehabilitation (Co-Director)
Lipscomb-Hudson
Inpatient Rehabilitation (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)
Zinner
APP Education (Co-Director)
Subacute Rehabilitation (Co-Director)

Didactic Block Responsibility

Alexander
Pediatric Rehabilitation Module, 3 weeks
Baratta
Stroke Rehabilitation, 3 weeks
Professionalism/Business/Quality Improvement, 3 weeks
Filer
Intro to Rehab, 4 weeks
Bone Joint and Connective Tissue, 3 weeks
Brain Injury, 2 weeks
Workshops (Anatomy, PE, US), 7.5 weeks
Gaylord
Complementary and Alternative Medicine Module, 2 weeks
Hill
Professionalism/Business/Quality Improvement, 3 weeks
Occupational Medicine and Burn, 2 weeks
Research, 2 weeks
Ingraham
Muscloskeletal Module, 8 weeks

Lipscomb-Hudson
Stroke, 3 weeks
Neuro Rehab (MS, Parkinson’s, Gillian-Barre), 3 weeks

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

Shuping
Sports Module, 3 weeks
Modalities Module, 3 weeks
Workshops (Anatomy, PE, US), 7.5 weeks

Telhan
Spine and Pain, 3 weeks

Thananopavarn
Geriatric Medicine, 3 weeks
Integrative Medicine, 2 weeks (Co-director)
Cancer and Cardiac Rehab, 2 weeks

Zinner
Importance of Pressure Relief and Proper Transfer Techniques, Ongoing to CNAs
Neuro Examination and Functional Evaluation to APPs, 1 week

Other:
Karvelos/Ingraham
Preparations and planning for taking over and reorganizing the 8-week MSK module into a monthly MSK and hands-on ultrasound module

Lectures Given to UNC PM&R Residents

Alexander
4/9/2020 – “Cerebral Palsy and Pediatric/Adolescent Brain Injury”
4/16/2020 – “Spina Bifida”

Baratta
12/12/2019 – “Quality and Value in Healthcare”

Barton
4/2/2020 – “Introduction to Pediatric Rehabilitation/Typical Development”
4/16/2020 – “Neuromuscular Disease”

Cleveland
1/9/2020 – “SCI, Epidemiology, and ASIA Exam”
1/16/2020 – “Non-Traumatic SCI”
2/20/2020 – “SCI Complications”

Faurot
9/5/2019 – “Introduction to Integrative Medicine”
Filer
7/18/2019 – “Introduction to Rehab – Part 2”  
7/25/2019 – “Introduction to Rehab – Part 3”  
8/15/2019 – “Emerging Prosthetic Technologies”  
8/22/2019 – “Upper Extremity Ultrasound Exam”  
2/27/2020 – “Knee Anatomy and Exam”  
5/14/2020 – “Bone Joint and Connective Tissue – Part 2”  

Gaylord
8/29/2019 – “Mindfulness for Stress Management”  
9/5/2019 – “Introduction to Integrative Medicine”

Hill
12/19/2019 – “Professionalism”  
3/12/2020 – “Research”  

Ingraham
10/24/2019 – “Thoracolumbar Spine Anatomy Exam”

Karvelas

Lipscomb-Hudson
11/7/2019 – “Neurorehabilitation”

Rauch
8/1/2019 – “Introduction to Prosthetics”  
8/15/2019 – “Common Complications of the Amputee”  
9/12/2019 – Journal Club Moderator for “Is It Safe to Inject Corticosteroids Into the Glenohumeral Joint After Arthroscopic Rotator Cuff Repair?”  
10/9/2019 – Journal Club Moderator for “Physical Fitness Training in Patients with Subacute Stroke (PHYS-STROKE): multicentre, randomised controlled, endpoint blinded trial”  
10/31/2019 – Oral Board Review  
11/21/2019 – Journal Club Moderator for “Trial of SAGE-217 in Patients with Major Depressive Disorder”  
1/15/2020 – Journal Club Moderator for “Long-term Safety and Efficacy of Closed Loop Spinal cord Stimulation to treat chronic back and leg pain”  
1/30/2020 – Oral Board Review  
2/12/2020 – Journal Club Moderator for “Association of Tramadol With All-Cause Mortality Among Patients With Osteoarthritis”  
4/30/2020 – Oral Board Review
5/13/2020 – Journal Club Moderator for “Pharmacologic Treatment for Depression at Injury Is Associated With Fewer Clinician Visits for Persistent Symptoms After Mild Traumatic Brain Injury: A Medical Record Review Study”
6/10/2020 – Journal Club Moderator for “Daily Physical Activity and Functional Disability Incidence in Community-Dwelling Older Adults with Chronic Pain: A Prospective Cohort Study”

**Shuping**
3/26/2020 – “Foot and Ankle Anatomy and Exam”

**Telhan**
10/10/2019 – “Spine Intervention Evidence”
10/17/2019 – “Spine Physical Therapy” (presented with UNCH Physical Therapy)

**Thananopavarn**
9/12/2019 – “Acupuncture and Cardiac Rehab”
9/19/2019 – “Cancer Rehab”

**Thompson**
8/29/2019 – “Physician Wellness and Burnout”
3/19/2020 – “Physician Wellness and Burnout”

**Mentorship Responsibilities**

**To UNC PM&R Residents**

**Barton**
1 PGY-2 (Yeste*Spring Semester)

**Filer**
3 PGY-1’s (Sharp, Siano, and Tompary)

**Hudson**
1 PGY-4 (Franklin)

**Ingraham**
1 PGY-2 (Vijayaraghavan)
1 PGY-3 (Sainburg)

**Karvelas**
1 PGY-2 (Riden)

**Rauch**
1 PGY-2 (Yeste*Fall Semester)
1 PGY-3 (Truong)

**Shuping**
1 PGY-3 (Patel)

**Telhan**
2 PGY-4’s (Boyd and Punzell)
To Others

Duquette
Doctoral Dissertation Research Advisor, Paige Landau, School Psychology, UNC School of Education
Doctoral Dissertation Committee Member, Alexis Davis, School Psychology, UNC School of Education
Doctoral Dissertation Committee Member, Tricia Combs, Human Movement Science, UNC Department of Allied Health Sciences

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