MORGAN KELLER JOHANSON

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CURRICULUM VITAE

PROFESSIONAL EXPERIENCE

President – Good Heart Education

Present

Continuing Education for the Cardiovascular and Pulmonary Practitioner, Bellaire, MI

- Scheduling continuing education courses nationally
- Development of course content
- Teaching course content
- Administration responsibilities including billing, taxes, correspondence, and website development
- Marketing courses
- Mentoring candidates for the ABPTS Cardiovascular and Pulmonary Specialty (CCS)
 Examination
- Creation of Practice examinations
- Mentoring for research projects for Therapists who want to sit for the ABPTS CCS Examination

Physical Therapist-Per Diem

June 2019-Present

Grand Traverse Pavilions Rehabilitation Center, Traverse City, MI

- Staffed as per diem Physical Therapist in the Skilled Nursing Facility
- Evaluating and treating patients with general medicine, orthopedic, neurological, pulmonary and cardiovascular diagnoses

Physical Therapist-Traveler

February 2019-May 2019

Pacifica Nursing and Rehabilitation, Pacifica, CA

- Staffed as full time Physical Therapist in a skilled nursing facility for a 3.5-month assignment
- Evaluated and treated patients with general medicine, orthopedic, neurological, pulmonary and cardiovascular diagnoses
- Placed by Preferred Healthcare Staffing

Physical Therapist-Traveler

January 2018-March 2018

El Camino Hospital, Mountain View, CA

- Staffed as full time Physical Therapist in acute care hospital for a 3-month assignment
- Staffed on general medicine, orthopedics, telemetry and ICU floors as needed
- Placed by Preferred Healthcare Staffing

Physical Therapist-Cardiopulmonary Specialist

February 2012-July 2016

VA Ann Arbor Healthcare System (VAAAHS), Ann Arbor, MI

• Developed and implemented outpatient Pulmonary Rehab Program protocol and inpatient Transfemoral Aortic Valve Replacement Pre and Post-Operative Protocol.

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- Clinical Instructor for DPT students/interns in the clinical setting and mentors all DPT students/interns participating in the Outpatient Cardiac and Pulmonary Rehabilitation clinics. Supervises and conducts research projects for VAAAHS Cardiovascular and Pulmonary Physical Therapy Residency Program.
- Consistently reviews and presents articles for VAAAHS Cardiovascular and Pulmonary Physical Therapy Residency Program's monthly Journal Club.
- Member of VAAAHS Physical Therapy Professional Standards Board: a board which serves as agents of the Under Secretary of Health to provide peer review and evaluate basic qualifications of personnel being appointed, recommended for promotion, advancement for special achievement or performance.
- Expertly performs thorough examinations on patients including: obtaining medical
 histories, assessing patients' medical appropriateness for rehab, mental status, strength,
 range of motion, balance, coordination, sensation, proprioception, and motor control.
 Analyzes results and develops appropriate treatment plans for inpatients, outpatients
 and SNF patients.
- Educates patients, family members, and caregivers on effective home exercise programs and proper use of durable medical equipment.
- Consistently monitors and evaluates client's treatment, reactions, and progress; and reports status to physicians.

Physical Therapist-Level III

October 2003-September 2011

California Pacific Medical Center (CPMC), San Francisco, CA

- Demonstrated expertise in performing duties for inpatient rehabilitation on the telemetry units for 5 years and then advanced to Primary Therapist in the Intensive Care Unit for 3 years focusing on cardiopulmonary rehabilitation, neurology, pre and post-organ transplant, and post-surgical rehabilitation.
- Served as department lead mentor for staff and developed the department's annual mentoring schedule action plan to obtain individual goals.
- Clinical Instructor for at least one DPT student intern in the clinical setting per year.
- Acted as Department Supervisor in the absence of the boss, administering overall office operations including staffing, scheduling, and managing conflicts.
- Developed and implemented protocols for adult CF and post operation thoracotomy surgical patients' treatment.
- Created and implemented the Rehabilitation Department's new post operation sternotomy precautions based on conducted research, revision of department protocol, and submission of the proposal to the Thoracic Surgery Department.

EDUCATION

Master of Science in Physical Therapy - University of California, San Francisco, CA (August 2003) **Graduate Student Association-Class Liaison**

Bachelor of Fine Arts in Dance - University of California-Santa Barbara, Santa Barbara, CA (June 1992) **Dean's List, Golden Key Honor Society, Performance Scholarship**

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CERTIFICATION AND LICENSURE

- Physical Therapy Board of California Licensed Physical Therapist, License Number 28908, California, Issued November 19, 2003, Expiration February 28, 2023
- Michigan Physical Therapy Board Licensed Physical Therapist, License Number 5501019119, Michigan, Issued 2019, Expiration June 30, 2024
- ABPTS Certified Cardiovascular and Pulmonary Specialist, Certification Number 42320, May 21, 2013
- Advanced Cardiac Life Support (ACLS) Certification
- Cardiopulmonary Resuscitation (CPR) Certification for Healthcare Professional (BLS)
- Certified American Physical Therapy Association Clinical Instructor, September 2010
- Certified American Physical Therapy Association Advanced Clinical Instructor, October 2013

ACADEMIC APPOINTMENTS

10/2016 - Present	Adjunct Faculty Member University of Toledo, Department of Physical
	Therapy, Doctoral Program in Physical Therapy, Toledo, Ohio
07/2014 - 07/2016	Co-Director, Ann Arbor VA Cardiovascular and Pulmonary Physical
	Therapy Residency Program, Department of Physical Therapy, Ann
	Arbor Healthcare System, Ann Arbor, Michigan
05/2013 - 05/2015	Guest Lecturer, University of Michigan, Department of Physical
	Therapy, Doctoral Program in Physical Therapy, Flint, Michigan
07/2012 - 07/2016	Faculty and Clinical Mentor, Ann Arbor VA Cardiovascular and
	Pulmonary Physical Therapy Residency Program, Department of
	Physical Therapy, Ann Arbor Healthcare System, Ann Arbor, Michigan

TEACHING ACTIVITIES

NATIONAL

- Advanced Clinical Practice in Cardiopulmonary Physical Therapy: Are You Practicing Best Practice? Part 2, Academy of Cardiovascular and Pulmonary PT, APTA Combined Sections Precon Meeting, San Antonio 2022
- The Shocking Truth About PT for People with Cardiac Ablations, Defibrillators, and Pacemakers, Academy of Cardiovascular and Pulmonary PT, APTA Combined Sections Meeting, San Antonio 2022
- Outcome Measures: Utilization and Prediction for the Cardiovascular and Pulmonary Population, Academy of Cardiovascular and Pulmonary PT, APTA Combined Sections Meeting, San Antonio 2022
- Primary Prevention of CVD: Physical Therapists on the Front Line, Academy of Cardiovascular and Pulmonary Physical Therapy, APTA Combined Sections Meeting, Virtual 2021
- Defining Entry-Level Physical Therapist Cardiovascular and Pulmonary Competencies, Academy of Cardiovascular and Pulmonary Physical Therapy, APTA Combined Sections Meeting, Virtual 2021

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- Pulmonary Rehabilitation for Physical Therapists, Cardiovascular and Pulmonary Section, APTA Combined Sections Meeting, Denver, CO 2020
- Advanced Clinical Practice in Cardiopulmonary Physical Therapy: Are You Practicing Best Practice? Part 1, Cardiovascular and Pulmonary Section, APTA Combined Sections Precon Meeting, Denver, CO 2020
- Management of Cardiovascular Disease in Women, Cardiovascular and Pulmonary Section, APTA Combined Sections Meeting, Washington DC, 2019
- Do you want to be a Cardiovascular and Pulmonary Specialist (CCS)?, Cardiovascular and Pulmonary Section, APTA Combined Sections Meeting, New Orleans, LA, 2018
- Entry-Level Competencies from APTA Academies, Education Section, APTA Combined Sections Meeting, New Orleans, LA, 2018
- How to Start an Outpatient Cardiac Rehab Program at Your VA Facility or CBOC, Federal Section, APTA Combined Sections Meeting, Anaheim, CA 2016
- Advanced Rehabilitation for the Acute/Subacute Cardiovascular and Pulmonary Patient, Good Heart Education Continuing Education Course, 2-day course for rehab professionals, this course is taught all over the country 3-4 times a year
- Pave the Way to Success on the Cardiovascular and Pulmonary (CCS) Examination, Good Heart Education Continuing Education Course, 2-day course for rehab professionals, this course is taught all over the country 1 time each year
- Management of Cardiovascular Disease in Women, Good Heart Education Continuing
 Education Course, 2-day course for rehab professionals, this course is taught all over the
 country 1-2 times a year
- Advanced Rehabilitation for the Pediatric Patient with Cardiovascular and Pulmonary Dysfunction, Good Heart Education Continuing Education Course, 1-day course for rehab professionals, this course is taught all over the country 1-2 times a year
- Advanced Rehabilitation Techniques for Patients with Cardiovascular and Pulmonary Diseases in the Post-Acute Setting, Good Heart Education Continuing Education Course, 2-day course for rehab professionals, this course is taught all over the country 3-4 times a year

REGIONAL

 Physical Activity and the Cardiac Patient, Take Heart, Annual Michigan Nursing Symposium, March 2014, Ann Arbor, Michigan

LOCAL

- Pulmonary Anatomy and Physiology, Understanding Lung Disease, VAAAHS Outpatient Pulmonary Rehabilitation Patient Education Class, taught 8 times yearly
- Physical Activity and Heart Disease, VAAAHS Outpatient Cardiac Rehab Patient Education Class, taught 8 times yearly
- VAAAHS MOVE! Patient Education Program, taught 2 times yearly
- Body Mechanics/Handling Skills Workshop, CPMC Nursing and Lift Team Education Class, taught annually
- Managing the Bariatric Patient, CPMC Nursing Education Class, taught annually

PUBLICATIONS

BOOK CHAPTERS

Essentials of Cardiopulmonary Physical Therapy, Ellen Hillegass, 5th Edition, Chapter 4 & 17, Elsevier/Saunders, 2021

Essentials of Cardiopulmonary Physical Therapy, Ellen Hillegass, 4th Edition, Chapter 17, Elsevier/Saunders, 2015

RESEARCH EXPERIENCE

- 1. VA Ann Arbor Healthcare System Cardiac Rehabilitation Program: One-Year Outcomes, Denise Adams, NP and Morgan Johanson, PT, MSPT, CCS Principle Investigators, Presented at Monthly PM&R Meeting, VAAAHS, September 2012, and Poster Presented at *Take Heart*, Annual Nursing Symposium, Ann Arbor, Michigan March 2013.
- 2. Assessing Outcome Measures to Determine Efficacy of the Outpatient Pulmonary Rehabilitation Program at the Veterans Affairs Ann Arbor Healthcare System, Meghan Lahart, PT, DPT Principle Investigator, Presented at Monthly PM&R Meeting, VAAAHS, June 2013, Involved as Research Advisor, and Participated in Data Collection and Statistical Analysis.
- 3. High Intensity Interval Training for Patients in Outpatient Cardiac Rehabilitation Programs, Sagan Everett, PT, DPT Principle Investigator, Presented at Monthly PM&R Meeting, VAAAHS, June 2014, Involved as Research Advisor, Co-Author IRB Application, Research Coordinator, Co-Investigator, and Participated in Data Collection and Statistical Analysis.
- 4. Improvement of Gait Speed in response to a 6-week Outpatient Cardiac Rehabilitation Program, Rachele Burriesci, PT, DPT, GCS Principle Investigator, Presented at Monthly PM&R Meeting, VAAAHS, June 2014, Involved as Research Advisor, and Participated in Data Collection and Statistical Analysis.
- 5. High Intensity Interval Training in Phase II Outpatient Cardiac Rehabilitation, Nanette Hannum, PT, DPT Principle Investigator, Presented at Monthly PM&R Meeting, VAAAHS, June 2015, Involved as Research Advisor, Co-Author IRB Application, Research Coordinator, Co-Investigator, and Participated in Data Collection and Statistical Analysis.
- 6. Quality Assurance Project and Descriptive Analysis for Veterans' Affairs Ann Arbor Healthcare System's Home Based Cardiac Rehabilitation Program, Alysha Walter, PT, DPT Principle Investigator, Presented at Monthly PM&R Meeting, VAAAHS, June 2015, Involved as Research Advisor, and Participated in Data Collection and Statistical Analysis.
- 7. Augmentation of Pre-Op Education to Reduce Sternal Drainage and Dehiscence, Carrie Germain, RN Principle Investigator, Poster presented at Evidence-based Practice Poster Fair, VAAAHS Nurses' Week, May 2014, involved in creation of content for education tool.

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- 8. Laser Weakening of Extraocular Muscle to Treat Strabismus, Alan B. Scott, MD principle investigator, Investigative Ophthalmology, Vis. Res. 42: 219, 2002, involved in data entry and histology preparation.
- 9. Physical Therapy Evaluations and 30-Day Hospital Readmissions in Patients with Congestive Heart Failure, Danielle Benscoter, PT, DPT principle investigator, presented at PM&R Meeting, Bayhealth Hospital, June 2018, involved as Research Advisor.
- 10. Is our current physical therapy treatment effective? Retrospectively assessing the utilization and outcomes of specific skilled physical therapy services for patients who are listed status 1A awaiting heart transplantation and hospitalized with femorally inserted intra-aortic balloon pumps, Christa Gilley, PT, DPT principle investigator, presented at PM&R Meeting, Memorial Hermann Hospital, June 2018, involved as Research Advisor.
- 11. Does a PT evaluation for patients with a diagnosis of Congestive Heart Failure during their index (i.e., initial) admission in the acute care setting result in reduced 30-day readmissions?, Heather Bays, PT, DPT principle investigator, presented at PM&R Meeting, Willis-Knighton Pierremont Health System, January 2020, involved as Research Advisor.

ADMINISTRATIVE AND COMMITTEE SERVICE

2018 - Present	Committee to Re-write the study guide from the Cardiovascular
	Pulmonary Section for the CCS examination
2016 - Present	Committee to define Cardiovascular and Pulmonary Entry Level
	Competency, Cardiovascular and Pulmonary Section
2015	Committee Member, Cardiovascular and Pulmonary Specialty
	Examination, National Medical Board of Examinations
2015	Committee Member, Cardiovascular and Pulmonary Section
	Membership Committee
2012 - 2016	Coordinator, VAAAHS Inpatient and Outpatient Cardiac and
	Pulmonary Rehabilitation Programs
2012 - 2016	Department Liaison, VAAAHS Physical Therapy Cardiac
2012 - 2010	Rehabilitation Team
2012 - 2016	Administrator, annual Physical Therapy Department staff Cardiac
	and Pulmonary Clinical Competencies

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2009	Acting CCCE, Clinical Education for the CPMC Rehabilitation Department
2008 - 2011	Department Liaison, CPMC Cardiac Transplant Team
2008 - 2011	Department Liaison, CPMC ICU Mobility Task Force
2008 - 2011	Administrator, CPMC Physical Therapy Department New Hire Orientation and annual Clinical Competencies
2003 - 2008	Department Liaison, CPMC Adult Cystic Fibrosis Team

HONORS AND AWARDS

2022	Merit Award, APTA Academy of Cardiovascular and Pulmonary Physical
	Therapy
2014	3rd place poster at Evidence-based Practice Poster Fair, VAAAHS Nurses'
	Week
2003	CPMC Service Star for Exemplary Service
2003 - 2011	Inpatient Rehabilitation Department Employee of the Month once annually

AFFILIATIONS

- Member-American Physical Therapy Association, Cardiopulmonary Section Member, Michigan Chapter
- Member-American Association of Cardiovascular and Pulmonary Rehabilitation
- President-Spinsters of San Francisco 2004-2005
- Board of Directors, Secretary-Big BAM! Foundation (Breast Cancer Task Force) 2005
- General Member/Event Production-Operations Chair for Annual Home Tour-Junior League of San Francisco, CA 2008-2011

CONTINUING EDUCATION

Critical Care Training Program: Hemodynamics and Pulmonary, San Francisco, CA, March 19 and April 11, 2006

Avian Flu and Viral Epidemics, Palo Alto, CA, June 15, 2006 Morgan Johanson 7 12/16/16

Vestibular Rehabilitation – A Comprehensive Clinical Approach for Positive Functional Outcomes, Sacramento, CA, September 30-October 1, 2006

Managing the Cardiovascular Emergency: Achieving Quality in the Midst of a Crisis, San Francisco, CA, February 28, 2007

ACLS Preparation – Dysrhythmia Recognition and Cardiac Pharmacology, San Francisco, CA, November 1, 2007

Advanced Cardiac Life Support, San Francisco, CA, November 27-28, 2007

Cardiovascular Rehabilitation: Combined Vessels Approach, Alhambra, CA, September 12-14, 2008

Using the APTA Physical Therapist Clinical Performance Instrument for Students, APTA Learning Center, November 16, 2008

3rd Annual Physician Symposium Series – Current Topics in Cardiovascular Medicine: Translating State of the Art Diagnosis and Treatment into Clinical Practice, Half Moon Bay, CA, November 1-2, 2008

Is It All About Pressure? An Interdisciplinary Approach to the Assessment and Management of Pressure Ulcers, Concord, CA, October 8, 2009

Dynamic Seating and Positioning: Maximizing Functional Outcomes, Concord, CA, October 67, 2009

19th Annual Society for the Neural Control of Movement Meeting, Kona, HI, April 28-May 3, 2009

Clinical Education and Credentialing Program, Concorde, CA, September 11-12, 2010

Ethics and Jurisprudence – California Physical Therapy, Innovative Educational Services, September 16, 2010

5th Annual Physician Symposium Series – Current Topics in Cardiovascular Medicine: The Interface between Primary and Specialty Care, Monterey, CA, October 2-3, 2010

Developing Exercise Programs for Individuals with Chronic Heart Disease, APTA Learning Center, July 31, 2011

Management of Patients with Cardiovascular Disease and/or Pulmonary Disorders, APTA Learning Center, September 24, 2011

American Association of Cardiovascular and Pulmonary Rehabilitation Annual Meeting, Orlando, FL, September 6-8, 2012

Professionalism Module 1: Introduction to Professionalism, APTA Learning Center, October 9, 2013

Professionalism Module 2: History of Professionalism in Physical Therapy, APTA Learning Center, October 10, 2013

Professionalism Module 2: History of Professionalism in Physical Therapy, APTA Learning Center, October 16, 2013

Advanced Credentialed Clinical Instructor Program, Flint, MI, October 2013

Combined Sections Meeting 2014, Las Vegas, NV, February 3-6, 2014

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Combined Sections Meeting 2015, Indianapolis, IN, February 5-7, 2015

Combined Sections Meeting 2016, Anaheim, CA, February 18-20, 2016

Combined Sections Meeting 2017, San Antonio, TX, February 16-18, 2017

Combined Sections Meeting 2018, New Orleans, LA, February 22-24, 2018

If you Can't Breathe, You Can't Function, Integrating Cardiopulmonary and Postural Control Strategies in the Pediatric and Adult Populations, Texas Children's Hospital, TX, December 7-9, 2018

Combined Sections Meeting 2019, Washington DC, January 23-26

Combined Sections Meeting 2020, Denver, CO, February 12-15

Exercise Testing and Prescription By Physical Therapists Across All Settings: A Centennial Approach, APTA Academy of Cardiovascular and Pulmonary Physical Therapy, Virtual Conference, January 23, 2021

Combined Sections Meeting 2021, Virtual, February 1-28

Combined Sections Meeting 2022, San Antonio

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