

CURRICULUM VITAE

NAME: Julianna M. Dean, PhD, MS, CSCS

DATE: September 2023

PRESENT POSITION AND ADDRESS: Assistant Professor, Kinesiology
Coordinator, Kinesiology and Human Performance
Undergraduate Program
Department of Kinesiology
College of Agriculture, Life and Physical Sciences

Sul Ross State University
Alpine TX 79832
julianna.dean@sulross.edu

BIOGRAPHICAL:

Phone: (432) 937-8556
Office: Graves-Pierce 101

EDUCATION:

08/16 – 8/19 Doctor of Philosophy
Division of Rehabilitation Sciences
Preventive Medicine and Community Health
Graduate School of Biomedical Sciences
The University of Texas Medical Branch
Galveston, TX
Advisor: Timothy Reistetter, PhD, OTR, FAOTA
Dissertation Title: The influence of social capital on successful community
discharge after post-acute care among Medicare beneficiaries

08/14 – 05/16 Master of Science
Exercise and Health Sciences
University of Houston-Clear Lake
Houston, TX
Advisor: William E. Amonette, PhD

08/10 – 05/11 Near-Native Russian Proficiency
National Security Education Program
St. Petersburg State University
St. Petersburg, Russia

08/06 – 05/10 Bachelor of Arts
Russian Language and Literature
Scripps College
Claremont, CA

Julianna M. Dean

06/08 – 08/08 Level 5 Russian Proficiency
Kathryn Davis School of Russian
Middlebury College Language Schools
Middlebury, VT

CERTIFICATIONS:

12/20 – present DXA Operator
Hologic Training, University of Houston-Clear Lake

05/20 – present First Aid/CPR/AED Instructor
American Red Cross
Houston, TX

05/20 – present Responding to Emergencies Adult and Pediatric First Aid/CPR/AED
American Red Cross
Houston, TX

09/19 – present Human Radiation Safety Training (4 hours)
University of Houston-Clear Lake
Houston, TX

09/19 – present DXA Operator Safety Training (16 hours)
Hologic Training, University of Houston-Clear Lake
Houston, TX

04/16 – present Certified Strength and Conditioning Specialist (CSCS)
National Strength and Conditioning Association
Houston, TX

08/14 – 12/18 CPR/AED/First Aid
American Heart Association
Galveston, TX

08/14 – 12/18 Certified Personal Trainer (ACSM-CPT)
American College of Sports Medicine
Houston, TX

07/16 – 08/18 DXA Operator
Hologic Training, Shriners Hospitals for Children-Galveston
Galveston, TX

PREVIOUS PROFESSIONAL AND TEACHING EXPERIENCE

8/19-8/23 Tenure-track Assistant Professor, Exercise and Health Sciences

Julianna M. Dean

Director, Fitness and Human Performance Undergraduate Program
Department of Clinical, Health, and Applied Sciences
College of Human Sciences and Humanities
University of Houston-Clear Lake
Houston TX 77058

- 08/16 – 08/19 Graduate Assistant
Division of Rehabilitation Sciences
The University of Texas Medical Branch
- 04/17 – 05/19 Graduate
Scholars in Education Program, 2017-2019 Cohort
The University of Texas Medical Branch
- 01/18 – 05/18 Teaching Assistant
Biostatistics for PhD Biomedical Science Students
The University of Texas Medical Branch
- 08/16 – 05/18 Graduate Assistant
Department of Surgery
Shriners Hospitals for Children-Galveston
- 06/16 – 08/16 Exercise Physiologist
Department of Surgery
Shriners Hospitals for Children-Galveston
- 01/16 – 05/16 Wellness Intern
Department of Surgery
Shriners Hospitals for Children-Galveston
- 08/15 – 12/15 Undergraduate Supplemental Instructor, Biomechanics
Department of Health and Human Performance
University of Houston-Clear Lake
- 06/15 – 12/15 Undergraduate and Graduate Tutor, Exercise and Health Sciences
Department of Health and Human Performance
University of Houston-Clear Lake
- 10/15 – 12/15 Fitness Coach
YES! Fitness and Sports Performance
- 10/11 – 06/14 Instructor and Lecturer
New Planet School of Foreign Languages
St. Petersburg, Russia

RESEARCH ACTIVITIES:

A. Areas of Research

1. Effects of Social Determinants of Health and Geography on Health Outcomes: It is well documented that factors such as sociodemographics, gender, social relationships, and community factors can impact health access, influence health behaviors, and affect health literacy. I am interested in pursuing how these factors ultimately influence healthcare outcomes and healthcare and resource use.
2. Exercise Science: I am particularly interested in the biomechanics of exercise as well as public health efforts to promote engagement and sustainability in long-term exercise.
3. Education Research: My main interests are curriculum design and best practices for teaching statistical computer programming software to non-programmers.

B. Grants

Previous: Faculty Research Sponsored Funds, University of Houston-Clear Lake
Grant # A08S21
Amount: \$6,000
Period of Support: 4/30/2021–7/31/2023
Role: Principal Investigator
Effort: 100%

T32 Predoctoral Fellowship, Agency for Healthcare Research and Quality
Grant # T32HS26133
Amount: \$656,685
MPI: Yong-Fang Kuo and Kenneth Ottenbacher
Period of Support: 07/01/18-06/30/19
Role: Predoctoral Trainee
Effort: 100%

C. Other:

03/18 – present	Research Collaborator of Timothy Reistetter, PhD, University of Texas Health Science Center, San Antonio, TX and The University of Texas Medical Branch, Galveston, TX
09/17 – 05/19	Principal Investigator: “Assessing Research Students’ and Instructors’ Understanding and Attitudes in R.” UTMB Scholars in Education project, The University of Texas Medical Branch, Galveston, TX
08/16 – 01/19	Research Collaborator of Oscar E. Suman, PhD, Shriners Hospitals for Children-Galveston, Galveston, TX

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- 08/15 – 07/16 Principal Investigator: “Kinematic and kinetic characterization of jumping and landing tasks.” Human Performance Laboratory, University of Houston-Clear Lake, Houston, TX
- 01/15 – 07/16 Research Assistant: “Biomechanical characterization of common clinical assessments in patients with multiple sclerosis compared to apparently healthy matched controls.” Human Performance Laboratory, University of Houston-Clear Lake, Houston, TX
- 03/15 – 03/16 Research Assistant, CES Performance for Houston Dash Women’s Professional Soccer Team, Houston, TX

COMMITTEE RESPONSIBILITIES:

A. Texas Higher Education Coordinating Board (THECB)

- 09/22 – 08/25 Appointed Member, Texas Transfer Advisory Committee (TTAC) Discipline-Specific Subcommittee on Kinesiology/Exercise Science

B. UHCL:

- 01/22 – 8/23 Director, Fitness and Human Performance Undergraduate Program
- 10/21 – 8/23 Member, Peer Review of Teaching Committee
- 11/22 – 5/23 Chair, Search Committee for Lecturer in Fitness and Human Performance
- 08/22 – 10/22 Member, Search Committee for Department Administrative Assistant, Clinical Health, and Applied Sciences
- 12/21 – 5/22 Member, Search Committee for Tenure-Track Assistant Professor in Exercise and Health Sciences
- 08/21 – 01/22 Alternate, UHCL Parking Committee
- 09/20 – 01/22 HSH Elections Coordinator
- 07/20 – 08/21 Member, Common Reader Program
- 11/20 – 01/21 Member, Search Committee for Tenure-Track Assistant Professor in Exercise and Health Sciences
- 08/19 – 01/21 Director of Data Science Research, Health and Human Performance Institute

C. UTMB:

- 09/18 – 07/19 Member, GSBS Recruitment Committee
- 08/18 – 07/19 Vice Chair, Committee for Career Development
- 10/18 – 05/19 Member, Internal Relations Subcommittee, Student Government Association
- 07/18 – 05/19 Senator from the Graduate School of Biomedical Sciences, Student Government Association
- 07/18 – 10/18 Member, Intramural/Fieldhouse Subcommittee, Student Government Association
- 08/17 – 07/18 Secretary, Committee for Career Development

D. UTMB Graduate School of Biomedical Sciences (GSBS):

07/18 – 07/19 President, Graduate Student Organization
08/17 – 07/19 GSBS Executive Committee, Representative from Graduate Student Organization
06/17 – 06/18 Treasurer, Graduate Student Organization

E. UTMB GSBS Department of Preventive Medicine and Community Health:

08/18 – 07/19 Secretary/Treasurer, Preventive Medicine and Community Health Graduate Student Organization

TEACHING/MENTORING RESPONSIBILITIES:

A. Teaching:

Sul Ross State University

9/23 – present

Undergraduate

KINE 3305 Physiology of Exercise
KINE 4309 Practicum in Kinesiology

Graduate

KINE 5305 Research Methods in Kinesiology
KINE 5313 Physiology and Human Performance

UHCL

09/19 – 8/23

Undergraduate

HLTH 2301 Introduction to Exercise Science
HLTH 3304 Principles of Physical Fitness
HLTH 3301 Health, Emergency Care, and First Aid
HLTH 5939 Independent Study in Behavioral Public Health

Graduate

EXHS 6039 Research in Human Performance
EXHS 6035 Biostatistics I
EXHS 6038 Biostatistics II
EXHS 6739 Graduate Internship

GSBS:

01/18 – 05/18

Teaching Assistant for Introduction to Biostatistics Course for PhD-level Basic Biomedical Sciences Curriculum; led three-hour per week laboratory applications component using the R programming language and environment for approximately 30 students

B. Mentoring:

UHCL

08/20 – 08/22

Ashlyn Tocco, master's student

08/20 – 12/21

Kelsey Daviglius, master's student

Julianna M. Dean

08/20 – 12/21 Mariana Lozoya, master’s student
08/20 – 05/21 Alexandra Mendoza, master’s student
08/20 – 05/21 Eris White, master’s student
08/20 – 01/21 Megan Choate, master’s student
06/20 – 12/21 Mark Sommer, master’s student

UTMB School of Medicine (SOM):

08/17 – 03/18 Richy Charls, SOM, third-year student
06/17 – 08/17 Joan Tran, SOM, second-year student
06/17 – 08/17 Martha Chapa, SOM, second-year student
06/17 – 08/17 Rachel Laird, SOM, second-year student
06/17 – 08/17 Kevin Sanchez, SOM, second-year student
06/16 – 12/16 Blake Moore, SOM, first-year student

C. Other Teaching Responsibilities:

Supplemental Instructor: Undergraduate Biomechanics, University of Houston-Clear Lake (60 hours): 2015
Tutor: Graduate and Undergraduate Exercise and Health Sciences, University of Houston-Clear Lake (60 hours): 2015
Instructor: English and Mathematics, New Planet School of Foreign Languages (30 hours/week): 2011 – 2014.

MEMBERSHIP IN PROFESSIONAL AND SCIENTIFIC SOCIETIES:

Member, American Public Health Association (2021 – present)
Member, Interdisciplinary Association for Population Health Science (2021 – present)
Member, National Center for Faculty Development and Diversity (2019 – present)
Member, National Strength and Conditioning Association (2015 – present)
Member, Texas Chapter, American College of Sports Medicine (2014 – present)

HONORS:

01/23 Early Career Award, University of Houston-Clear Lake, Houston, TX
03/22 Invited Panelist, A2i Job Search Strategies, The University of Texas Medical Branch, Galveston, TX
08/21 Spotlighted in Community Impact Newspaper: “UHCL study shows parks, recreational spaces significant to public health”, Houston, TX
08/21 Interviewee for UHCL Newsroom Article: “Research Yields Insights for Creating Better Parks”, Houston, TX
07/20 Award Finalist, Master’s Abstract (senior author) at the National Strength and Conditioning Association Annual Conference, Las Vegas, NV (award competition was cancelled due to COVID-19)
06/20 Interviewee, Community Impact Newspaper, Houston, TX
10/19 Speaker on Education Panel, Graduate School of Biomedical Sciences’ 50th Anniversary Alumni Symposium, The University of Texas Medical Branch, Galveston, TX

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- 02/19 Delta Omega Honor Society Inductee, Delta Nu Chapter, The University of Texas Medical Branch, Galveston, TX
- 12/18 The Charles F. Otis Clinical Research Award, The University of Texas Medical Branch, Galveston, TX
- 12/18 Michael Gilles Purgason Memorial Scholarship, The University of Texas Medical Branch, Galveston, TX
- 08/18 Best Early Career Poster in Geriatric Rehabilitation, American Congress of Rehabilitation Medicine (ACRM) Annual Conference
- 08/18 Ambassador, American Congress of Rehabilitation Medicine (ACRM)
- 07/18 Pre-Doctoral Fellowship, T32, Agency of Healthcare Research and Quality (AHRQ)
- 05/18 Nomination and Awardee, American Association for the Advancement of Science (AAAS) and *Science* Program for Excellence in Science
- 12/17 Edith and Robert Zinn Presidential Scholarship, The University of Texas Medical Branch, Galveston, Texas
- 10/17 Excellence in Research Award, Rehabilitation Category, Forum on Aging, The University of Texas Medical Branch, Galveston, Texas
- 08/17 Inductee, Scholars in Education Program, The University of Texas Medical Branch, Galveston, Texas
- 03/17 Second Place Tie, Best Poster, American Burns Association Annual Conference, Boston, Massachusetts
- 12/16 Stephen C. Silverthorne Memorial Scholarship, The University of Texas Medical Branch, Galveston, Texas
- 10/16 First Place Tie, Best Rehabilitation Sciences Poster, Forum on Aging, The University of Texas Medical Branch, Galveston, Texas
- 06/16 First-Annual President's Cup Southeast U.S. Representative, American College of Sports Medicine Annual Conference, Boston, Massachusetts
- 02/16 First Place Poster Presentation, Texas American College of Sports Medicine Annual Conference, College Station, Texas
- 02/16 Honor and Stipend to Present at President's Cup at American College of Sport Medicine Annual Conference
- 05/16 Outstanding Graduate Student of the Year, University of Houston-Clear Lake, Houston, Texas
- 05/16 Phi Kappa Phi Honor Society Inductee, University of Houston-Clear Lake, Houston, Texas
- 05/15 Omicron Delta Kappa Honor Society Inductee, University of Houston-Clear Lake, Houston, Texas
- 12/14 Honor Society, Exercise and Health Sciences Inductee, University of Houston, Clear Lake, Houston, Texas
- 05/10 Phi Beta Kappa Honor Society Inductee, Theta of California Chapter, Scripps College, Claremont, California
- 05/10 Dean's List, Scripps College, Claremont, California (05/06 – 05/10)
- 05/09 Ament Scholar Award, Outstanding Scholarship in the Humanities, Scripps College, Claremont, California
- 06/08 Kathryn Davis Fellowship for Peace, Middlebury College, Middlebury, Vermont

ADDITIONAL INFORMATION:

A. Ad-hoc Reviewer:

Academy Health Annual Meeting (2023 – present)
American Medical Informatics Association Symposium (2020 – present)
Journal of Strength and Conditioning Research (2019 – present)
Center for Large Data Research in Rehabilitation Pilot Grants (2019 – present)
Texas Public Health Symposium (2019 – present)
Archives of Physical Medicine and Rehabilitation (2017 – present)
Journal of Burn Care Research (2017 – present)

B. Professional Development:

04/23 Negotiation Skills Workshop, R&S Coaching, University of Houston-Clear Lake
04/23 Scholarship of Teaching and Learning Community of Practice, University of Houston-Clear Lake
11/22 Scholarship of Teaching and Learning Community of Practice, University of Houston-Clear Lake
10/22 October Writing Challenge, University of Houston-Clear Lake
02/22 February Writing Challenge, University of Houston-Clear Lake
10/21 Third-Year Review Information Session, University of Houston-Clear Lake
10/21 Promotion and Tenure Information Session, University of Houston-Clear Lake
05/21 Kinder Institute Lunch-Out, Harris County, Virtual
03/21 Learning Innovators, University of Houston-Clear Lake
02/21 February Writing Challenge, University of Houston-Clear Lake
10/20 Getting It Published, University of Houston-Clear Lake
09/20 Diversity and Inclusion, University of Houston-Clear Lake
05/20 P&T Workflow, University of Houston-Clear Lake
05/20 Course Design Flexible/Bimodal Delivery, University of Houston-Clear Lake
02/20 P&T Policies, University of Houston-Clear Lake
02/20 Peer Teaching Observation Program Community, University of Houston-Clear Lake
02/20 February Writing Challenge, University of Houston-Clear Lake
01/20 Course Redesign Community of Practice, University of Houston-Clear Lake
12/19 Third-Year Review Workshop, University of Houston-Clear Lake
11/19 New Faculty Community of Practice, University of Houston-Clear Lake
10/19 Writing-Focused Committee for Faculty Development, University of Houston-Clear Lake
04/19 Debunking Learning Truths, Teaching Skills Workshop, The University of Texas Medical Branch
04/19 How to Increase the Validity of Your Tests through Test Blueprinting, Teaching Skills Workshop, The University of Texas Medical Branch
03/19 Writing Multiple Choice Questions, Teaching Skills Workshop, The University of Texas Medical Branch
03/19 Why Should Teachers Bother Writing Instructional Objectives

- 12/18 Health Professions Learner Mistreatment is a Problem Nationally and at UTMB, Teaching Skills Workshop, The University of Texas Medical Branch
- 10/18 Educator's Portfolio, Teaching Skills Workshop, The University of Texas Medical Branch
- 08/18 Increasing Reading Compliance Among Learners, Education Workshop, The University of Texas Medical Branch
- 07/18 Ensuring Student Buy-In for Pre-Learning in Flipped or Team-Based Learning Classes, Education Workshop, The University of Texas Medical Branch
- 09/17 Adverse Childhood Experiences Screening: Resilience, The University of Texas Medical Branch
- 07/17 Methods to Madness Teaching Workshop, The University of Texas Medical Branch
- 06/17 Can We Talk? Addressing Poor Behavior Workshop, The University of Texas Medical Branch
- 05/17 So You Want to Be a Teacher, Teaching Workshop, The University of Texas Medical Branch

C. Professional Skills:

Advanced problem-solving and critical-thinking skills; experience with Medicare Data; R programming; SAS programming; ArcGIS; SPSS; Exercise prescription/training for healthy and special populations; DXA Operation; Isokinetic dynamometry; VO₂ max testing; body composition; electromyography; blood lactate testing; force platform use; functional assessment administration: timed up-and-go, Berg balance, sit-to-stand; 3-D kinematics and motion capture with Vicon Nexus software; basic C++ programming; DartPower software; DartFish software; SkillSpector software

D. Other:

Volunteering:

- 01/20 – present Prospective Candidate Interviewer, Scripps College, Claremont, CA
- 12/19 – present Mentor, UT System Career Exploration Network, Galveston, TX
- 11/19 – 8/23 Judge, Science and Engineering Fair of Houston, Houston, TX
- 11/19 – 8/23 UHCL Representative in Careers in Healthcare and Biomedical Sciences, Clear Lake High School, Houston, TX
- 08/16 – 8/23 Galveston County Science Fair Judge, Galveston County, TX
- 03/18 – 11/19 Food and meal preparation and delivery, Moody Methodist Church, Galveston, TX
- 05/17 – 06/19 Poster Judge, Doctor of Physical Therapy Poster Session; The University of Texas Medical Branch, Galveston, TX
- 08/16 – 06/19 Middle School Science Fair Judge, Austin Middle School, Galveston, TX
- 08/18 – 07/19 Tour Guide, The University of Texas Medical Branch, Galveston, TX
- 04/19 Lead Crawfish Boil Volunteer, The University of Texas Medical Branch
- 03/19 United to Serve Site Liaison, Galveston Railroad Museum

03/16 – 03/17	SMART Literacy Garden Adult Volunteer, Morgan Elementary School, Galveston, TX
02/15 – 09/16	Council Member, Upward Sports League, Clear Lake United Methodist Church, Houston, TX
08/16 – 09/16	High School Lacrosse Coach, Gulf Coast Girls Lacrosse Association, Seabrook, TX
09/06 – 09/16	Youth Group Volunteer, Sunday School Teacher, Clear Lake United Methodist Church, Houston, TX

PUBLICATIONS:

A. Articles in Peer-Reviewed Journals (*indicates student):

1. Reistetter, T., Dean, J.M., Haas, A., Prochaska, J.D., Jupiter, D., Eschbach, K., Kuo, Y-F. Development and Evaluation of Rehabilitation Service Areas for the United States. *BMC Health Services Research*. 2023. DOI: <https://doi.org/10.1186/s12913-023-09184-2>
2. Reistetter, T., Hreha, K., Dean, J.M., Pappadis, M. R., Deer, R.R., Li, C-Y., Hong, I., Na, A., Nowakowski, S., Shaltoni, H., Bhavnani, S.K. The Pre-Adaptation of a Stroke-Specific Self-Management Program among Older Adults. *Journal of Aging and Health*. 2023. DOI: <https://doi.org/10.1177/08982643231152520> Impact Factor: 2.609
3. Kusters, I.S., Gutierrez, A.M., Dean, J.M., *Sommer, M., Klyueva, A. Spanish-Language Communication of COVID-19 Information Across US Local Health Department Websites. *J of Racial and Ethnic Health Disparities*. 2022. DOI: 10.1007/s40615-022-01428-x Impact Factor: 3.524, 584 accesses, 3 Altmetric
4. Kusters, I.S., Dean, J.M., Gutierrez, A.M., *Sommer, M., Klyueva, A. Assessment of COVID-19 Website Communication in Languages Other than English by Local Health Departments in the United States. *Health Communication*. 2021. DOI: 10.1080/10410236.2021.2017109 Impact Factor: 3.501, 232 views, 3 CrossRef citations, 5 Altmetric
5. Kusters, I.S., Dean, J.M., *Sommer, M., Cazes, D. Physical Activity Behaviors and Park Use Among Members of a Mid-Sized University. *Texas Public Health Journal*. 73(3), 2021.
6. Dean, J.M., Hreha, K., Hong, I., Li, C., Jupiter, D., Prochaska, J., Reistetter, T. Post-acute care use patterns among Hospital Service Areas by older adults in the United States: a cross-sectional study. *BMC Health Services Research*. 21(176), 2021. DOI: 10.1186/s12913-021-06159-z 2-yr Impact Factor: 2.908, 1,173 accesses
7. Bores, J.M., Glover, S.Q., Gutierrez, I., Andersen, C., Herndon, D.N., Lee, J.O., Suman, O.E. Use of Isokinetic Dynamometry to Assess Muscle Function in Burned Patients is

Reliable and Practical for Progressive Resistance Exercise Prescription. *J Burn Care Res*, 2019.

Acknowledgement of work in:

1. Foncerrada, G., Capek, D.D., Wurzer, P., Herndon, D.H., Mlcak, R.P., Porter, C., Suman, O.E. Functional exercise capacity in children with electrical burns. *J Burn Care Res*. 38(3): e647-52, 2017.
2. Foncerrada, G., Clayton, R.P., Mlcak, R.P., Enkhbaatar, P., Herndon, D.N., Suman, O.E. Safety of Nebulized Epinephrine in Smoke Inhalation Injury. *J Burn Care Res*. 38(6): 396-402, 2017.

B. Other:

Registrations

1. Monique R. Pappadis, Amber Armstead, Julianna Dean, Rachel Deer, Alison R. DeVries, Kimberly Hreha, Riqiea Kitchens, Chih-ying Li, Annalisa Na, Sara Nowakowski, Timothy A. Reistetter. Multimorbidity and health-related outcomes among older adults with stroke: A Mixed-Methods Systematic Review. PROSPERO 2021 CRD42021265740 Available from:
https://www.crd.york.ac.uk/prospero/display_record.php?ID=CRD42021265740

Proceedings and Symposia (*indicates student)

1. Kitchens, R., Armstead, A., Deer, R., Dean, J.M., Hreha, K., Li, C-Y., Na, A., Nowakowski, S., Shaltoni, H., Reistetter, T., Pappadis, M. Clinicians' Perspectives on the Barriers and Facilitators to Implementation of an Evidence-Based Stroke Self-Management Program. American Congress of Rehabilitation Medicine Proceedings, 2022.
<https://doi.org/10.1016/j.apmr.2022.01.064>
2. Reistetter, T., Bokov, A., Schmidt, S., Prochaska, J., Haas, A., Lin, M., Dean, J.M., Kuo, Y., Eschbach, K. Social Determinants of Health Measures and Successful Community Discharge across Rehabilitation Service Areas. American Occupational Therapy Association Annual Meeting Proceedings, 2022.
3. Reistetter, T., Bokov, A., Schmidt, S., Prochaska, J., Haas, A., Lin, M., Dean, J.M., Kuo, Y., Eschbach, K. Examination of Successful Community Discharge and Social Determinants of Health for Rehabilitation Service Areas. Academy Health Annual Research Meeting Conference Proceedings 2022.
4. Reistetter, T., Mroz, T., Knox, S., Li, C-Y., Dean, J.M., Haas, A., Prochaska, J. Home Health Unplanned Readmission Across Metro and Rural Areas following Stroke and Joint Replacement. American Congress of Rehabilitation

- Medicine Proceedings, 2022. <https://doi.org/10.1016/j.apmr.2022.08.943>
5. Reistetter, T., Bokov, A., Schmidt, S., Prochaska, J., Haas, A., Lin, M., Dean, J.M., Kuo, Y., Eschbach, K. Association of Social Determinants of Health Measures and Successful Community Discharge across Rehabilitation Service Areas. American Congress of Rehabilitation Medicine Proceedings, 2022. <https://doi-org.uhcl.idm.oclc.org/10.1016/j.apmr.2022.08.942>
 6. Kitchens, R., Armstead, A.B., Deer, R.R., Dean, J.M., Hreha, K., Li, C-Y., Na, A., Nowakowski, S., Shaltoni, H., Reistetter, T., Pappadis, M.R. Clinicians' Perspectives on the Barriers and Facilitators to Implementation of an Evidence-Based Stroke Self-Management Program. American Congress of Rehabilitation Medicine Proceedings, 2021.
 7. *Hameed, S., *Daviglius, K., *Dudani, A., *Zerezghi, R., *Lozoya, M., Kusters, I.S., Dean, J.M. The Effect of Doctor and Family Trust on Health Outcomes among U.S. Adults: 2019 Health Information National Trends Survey. American Public Health Association Conference Proceedings 2021.
 8. Dean, J.M., Jupiter, D., Prochaska, J., Karmarkar, A., Kusters, I.S., Ottenbacher, K., Reistetter, T. Social Capital Disparity among Texas Healthcare Regions: an Ecological Analysis. Interdisciplinary Association for Population Health Science Proceedings 2021.
 9. *Bolyard, H., *Sanchez, A., *Tran, D., *Vasquez, J., *Arredondo, P., Kusters, I.S., Dean, J.M. Differences in Frontal Plane Knee Kinematics by Grip, Load, and Concentric Subphase in the Front Squat. Texas Chapter of the American College of Sports Medicine Annual Conference Proceedings, 2021.
 10. *Alvarado, A., *Sharp, R., *Brown, A., *White, E., Kusters, I.S., Dean, J.M. MLB Statcast Pitch Analysis: the Association Between Active Spin and Opponent's Batting Average. Texas Chapter of the American College of Sports Medicine Annual Conference Proceedings, 2021.
 11. Dean, J.M., Jupiter, D., Prochaska, J., Karmarkar, A., Kusters, I.S., Ottenbacher, K., Reistetter, T. The Influence of Social Capital on Successful Community Discharge after Post-Acute Care Among Medicare Beneficiaries. Academy Health Annual Research Meeting Conference Proceedings 2020.
 12. *Taylor, J.F., Dean, J.M., *Sommer, M., *Morales, M., *Maldonado, L., Dewitt, J.K., Amonette, W.E. Differences in muscle activity utilizing three hand positions in the front squat. Proceedings of NSCA National Conference 2020. (cancelled due to COVID-19)

13. *Taylor, J.F., *Sommer, M., *Morales, M., *Maldonado, L., Amonette, W.E., Dewitt, J.K., Dean, J.M. Differences in sagittal plane kinematics utilizing three hand positions in the front squat. Proceedings of NSCA National Conference 2020. (award finalist, podium presentation, cancelled due to COVID-19)
14. *Von Ruff, Z.D., *Choate, M.N., *Pifer, R., *Valdez, B.N., *Valdez, B.D., Dean, J.M., Amonette, W.E. The Effect of Music and Music Tempo on Aerobic Performance. Texas American College of Sports Medicine Annual Meeting 2020.
15. *Sonnenfeld, M., Dean, J.M., *Dean, D.I., Al-Snih, S. Home Repairs and Falls in Older Mexican Americans Aged 75 Years and Older. American Occupational Therapy Association (AOTA) Annual Meeting Conference Proceedings. 2020. <https://doi.org/10.5014/ajot.2020.74S1-PO8606>
16. Li, C-Y., Dean, J.M., Haas, A., Hreha, K., Pappadis, M., Hong, I., Reistetter, T. Using Rehabilitation Service Areas (RSAs) to Characterize Post-Acute Care Utilization in Stroke. American Occupational Therapy Association (AOTA) Annual Meeting Conference Proceedings. 2020. <https://doi.org/10.5014/ajot.2020.74S1-PO3722> (1 CrossRef)
17. Na, A., Li, C., Dean, J.M., Haas, A., Pappadis, M., Reistetter, T. Using rehabilitation service areas to characterize variation in post-acute care utilization in stroke. APTA. 2020 (podium presentation).
18. Hreha, K., Hong, I., Li, C., Pappadis, M., Deer, R., Na, A., Nowakowski, S., Dean, J.M., Bhavnani, S., Lin, Y., Shaltoni, H., Reistetter, T. Implementation of a stroke specific self-management program; How visual analytics can guide adaptation. Academy Health Dissemination and Implementation Conference. 2020.
19. Hong, I., Hreha, H., Pappadis, M., Shaltoni, H., Santillana, E., Dean, J.M., Li, C., Na, A., Bhavnani, S., Reistetter, T. Identification of Significant Subgroups of Readmitted Stroke Patient: Big Data Visual Analytic Approach. AOTA Annual Conference. 2020. <https://doi.org/10.5014/ajot.2020.74S1-PO1719>
20. Hreha, K., Hong, I., Pappadis, M., Li, C-Y., Deer, R., Dean, J.M., Na, A., Nowakowski, S., Bhavnani, S., Shaltoni, H., Reistetter, T. Using Visual Analytics to Inform a Stroke Self-Management Program. Archives of Physical Medicine and Rehabilitation. 2019. <https://doi.org/10.1016/j.apmr.2019.10.150>

21. Dean, J.M., Hong, I., Hreha, K., Li, C-Y., Reistetter, T. National stroke cohort's patterns of use of post-acute care services among Hospital Service Areas by Medicare beneficiaries. Academy Health Annual Research Meeting. 2019.
22. Bores, J.M., Karmarkar, A., Downer, B. Patient Characteristics Associated with Functional Status Change in Stroke. Archives of Physical Medicine and Rehabilitation. 99(10):e57-e58, 2018.
<https://doi.org/10.1016/j.apmr.2018.07.200>
23. Bores, J.M., Glover, S.Q., Gutierrez, I., Andersen, C., Lee, J.O., Herndon, D.N., Suman, O.E. Use of isokinetic dynamometry to assess muscle function in burn patients is reliable and practical for progressive resistance exercise prescription. J Burn Care Res. 39(S1): S139, 2018.
24. Bores, J.M., Glover, S.Q., Gutierrez, I.G., Stevens, P., Andersen, C.R., Herndon, D.N., Suman, O.E. Subjective vs objective assessment of physical activity in burn patients. J Burn Care Res. 39(S1): S139, 2018.
25. Bhavnani SK., Lin Y.L., Chennuri L.R., Bores J.M., Chen C.H., Kuo Y.F. Identification, Replication, Visualization, and Interpretation of Patient Subgroups: Implications for Precision Medicine, and Predictive Modeling. Proceedings of AMIA Summit on Translational Bioinformatics (2018).
26. Bores, J.M., Rontoyanni, V.G., Gutierrez, I., Herndon, D.N., Porter, C., Suman, O.E. Characterization of nutritional intake and distribution of pediatric burn patients. Med Sci Sports Exercise 49(5S): 905-906, 2017.
27. Bores, J.M., Foncerrada, G., Anderson, C.R., Herndon, D.N., Suman, O.E., Mlcak, R.P. Effects of propranolol on lung spirometry in severely burned children with inhalation injury. J Burn Care Res, 2017.
28. Rivas, E., Bores, J.M., Herndon, D.N., Kinsky, M., Suman, O.E. Burn injury reduces cardiac output and stroke volume during submaximal aerobic exercise in children. Med Sci Sports Exercise 49(5S): 322, 2017.
29. Bores, J.M., Vernon, C., Ridings, D., Champion, J., Amonette, W.E. Isokinetic knee strength is associated with knee flexion range of motion kinematics in the vertical jump. J of Strength Cond Res 30(1): S16-S17, 2016.
30. Bores, J.M., Vernon, C., Ridings, D., Champion, J., and Amonette, W.E. Isokinetic knee strength is associated with knee landing kinematics during double-leg vertical and depth jumps. Int J of Exer Sci Conference Proceedings

2(8): Article 45, 2016.

INVITED LECTURES – ON-CAMPUS:

UHCL Common Reader Program

“You, Me, and Community: How Social Conditions Affect Your Health”. Co-presenter.
November 10, 2020, Houston, Texas.

UHCL Clear Lake Association of Senior Programs:

“Social Capital and Health”, Health and Wellness in Diverse Communities, February 6,
2020, Houston, Texas

INVITED LECTURES – OFF-CAMPUS:

Texas:

“Navigating the PhD.” For the graduate course Introduction to Rehabilitation Sciences,
The University of Texas Medical Branch, November 19, 2018, Galveston, Texas.

“Life as a PhD.” For the undergraduate class Introduction to Exercise Science, University
of Houston-Clear Lake, March 29, 2019, Houston, Texas.

International Lectures:

“Interview Techniques.” Seminar Instructor, St. Petersburg Graduate School of
Management, May 5-6, 2013. St. Petersburg, Russia.