School of Health Sciences
Research and Scholarship

Scholarship Report
2020
Message from the Dean

The School of Health Science has made one of its primary goals to increase the research and scholarship of its faculty members in all of our programs. This effort has been supported by the Senior Administration by giving us funds each year so that we can award small grants to support faculty research. Also, our Research Support and Development Committee headed by Dr. Frank Gardner and Dr. Meira Orentlicher has done much to support faculty research efforts through the many programs that they run each year. As Dean, I am very proud to present this list of faculty research efforts for 2020 and I thank our faculty for their hard work and dedication to research and scholarship.

Louis H. Primavera, PhD
Dean

Peer-Reviewed Journals

- American Journal of Occupational Therapy
- Cardiopulmonary Physical Therapy Journal
- Clinical Practice and Cases in Emergency Medicine
- Industrial and Organizational Psychology
- International Journal of Stress Management
- Internet Journal of Allied Health Sciences and Practice
- Journal of Alzheimer’s Disease Reports
- Journal of Clinical Education in Physical Therapy
- Journal of Communication Disorders
- Journal of Speech, Language, and Hearing Research
- Medical Science Educator
- The Romanian Journal of Counseling
- Western Journal of Nursing Research

* Supported by the Dean’s Research Awards
Summary

In 2020, the faculty of the School of Health Sciences completed the following scholarship activities:

Grants:

• 11 internal
• 1 external

Publications:

• 20 peer-reviewed articles
  • 4 in collaboration by two or more faculty members
  • 5 supported by the SHS Dean’s Research Awards
• 1 book chapter

External Presentations:

• 3 invited expert keynote presentations
• 19 research platforms, paper presentations and workshops
• 15 posters
  • 7 supported by the SHS Dean’s Research Awards

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Grants

Behavioral Sciences

Lindeman, Karrie
Awarded the SHS Dean’s One-Time Award of Approximately $300 for the study “Training Staff on Discrete Trial Teaching Using a Video Modeling Self-Made Error Correction Protocol.”

Occupational Therapy

Chiariello, Beth
Awarded the SHS Dean’s Annual Seed Award for the study “Innovative Teaching Strategies to Promote Professional Communication and Behaviors in OT Students: Phase I – Improvisation.”

Collins, Tara
Awarded the SHS Dean’s Additional Funds for a Previous Award for the study “Exploring how Occupational Therapy Practitioners Prepare for Their Role as Fieldwork Educator and Their Use of Available Supports.”

Kardachi, Julie
Awarded the SHS Dean’s Annual Seed Award for the study “The Long-Term Effectiveness of the Fall Stop Move Strong Program on Reducing Falls and Fall Risks and Increasing Confidence in Community Dwelling Older Adults.”

Koenig, Virginia
Awarded the SHS Dean’s Annual Seed Award for the study “A Health Literacy Universal Precautions Workshop for Touro College’s School of Health Sciences Students.

Physical Therapy

Garcia, Ralph
Awarded the SHS Dean’s Annual Seed Award for the study “Correlation between Ankle Strength and Range of Motion on Falls in Community Dwelling Older Adults (CDOA).”

Lee, Daniel
Awarded the SHS Dean’s One-Time Award of Approximately $300 for the study, “Older Adult Simulation Suit.”

* Supported by the Dean’s Research Awards
Pottorf, Ofra
(In collaboration with Reddin, Vanessa)
Awarded the SHS Dean’s Annual Seed Award for the study, “Fracture Detection via Smartphone: A Proof-of-Concept Study.”

Reddin, Vanessa
(In collaboration with Pottorf, Ofra)
Awarded the SHS Dean’s Annual Seed Award for the study, “Fracture Detection via Smartphone: A Proof-of-Concept Study.”

Schecter Weiner, Shira
Awarded grant for the study, “Organization of Work Factors Associated with Work Ability among Aging Nurses” from the Education and Research Centers (ERC) of the National Institute for Occupational Safety and Health (NIOSH), Centers for Disease Control and Prevention (CDC).

Physician Assistant
Boyle, Paula
Awarded the SHS Dean’s One-Time Award of Approximately $300 for the study, “Assessment of Grit and Emotional Intelligence as Predictors of Success in Physician Assistant Training.”

Speech-Language Pathology
Weill, France
Awarded the SHS Dean’s Annual Seed Award for the study, “Characteristics of Robust Interactions between 12- and 30-Months Old Children and Adults: The Effect of Length of Utterance and Pragmatic Function.”
Publications

Dean’s Office

Primavera, Louis


Frank L. Gardner


Molinsky, Rivka
(In collaboration with Schecter Weiner, Shira & Garcia, Ralph - PT)

* Supported by the Dean’s Research Awards
Behavioral Sciences

Kerulis Schmucker, Amy

Lapine, Caitlin

Suri, Tanupreet

Occupational Therapy

Buccinna, Michelle

Chiariello, Beth

Collins, Tara

Dapice Wong, Stephanie

Kardachi, Julie
(In collaboration with Hagan, Laura & Schecter Weiner, Shira – PT)
Koenig, Virginia

**Physical Therapy**

**Garcia, Ralph**
(In collaboration with Marks, Ted)

(In collaboration with Schecter Weiner, Shira & Molinsky, Rivka – Dean’s Office)

**Hagan, Laura**
(In collaboration with Schecter Weiner, Shira)

(In collaboration with Schecter Weiner, Shira & Kardachi, Julie – OT)

**Lee, Daniel**

**Marks, Ted**
(In collaboration with Garcia, Ralph)

* Supported by the Dean’s Research Awards
Schecter Weiner, Shira

(In collaboration with Hagan, Laura)

(2020. In collaboration with Hagan, Laura & Kardachi, Julie – OT)

(2020. In collaboration with Gracia, Ralph & Molinsky, Rivka – Dean’s Office)

**Physician Assistant**

Flanagan-Kundle, Mary

**Speech-Language Pathology**

Lee, Binna

Reichel, Isabella
Presentations

Dean’s Office

Molinsky, Rivka
Molinsky, M. Effective transition of a learning management system (LMS) as a platform for teaching and learning. Paper presented at Northeast 2020 Regional Conference, College Reading and Learning Association, Riverdale, NY (March 5, 2020).
(In collaboration with Schecter Weiner, Shira & Garcia, Ralph – PT)

Behavioral Sciences

Asner-Self, Kimberly

Lapine, Caitlin

Suri, Tanupreet


* Supported by the Dean’s Research Awards
Occupational Therapy

Buccinna, Michelle
Buccinna, M. *Formal online stroke education program effects on OTs' competence and confidence in clinical practice.* Poster presented at the 2020 American Occupational Therapy Association (AOTA) Education Summit (October 15, 2020).

(In collaboration with Collins, Tara & Cullinane, Debra)

Chiariello, Beth

Collins, Tara
(In collaboration with Buccinna, Michelle & Cullinane, Debra)

Cullinane, Debra
(In collaboration with Buccinna, Michelle & Collins, Tara)

Dapice Wong, Stephanie
(In collaboration with Orentlicher, Meira)
Orentlicher, Meira


(Oin collaboration with Dapice Wong, Stephanie)


Zeidler, Serena


*Spencer, J., Zeidler, S., & Gallagher, V. *Conversations that Matter: Equal pay for equal work: The barriers limiting school-based practitioners from advancement and our mission to knock them down*. Paper presented at the NYSOTA 2020 Virtual Conference, New York State Occupational Therapy Association (November 15, 2020)

**Physical Therapy**

Corio, Frances

(In collaboration with Troiano, Robert)


Garcia, Ralph

(In collaboration with Schecter Weiner, Shira & Molinsky, Rivka – Dean’s Office)

Hagan, Laura
Hagan, L., Tovin, M., Silberman, N., & Rone-Adams, S. The lived experience of exemplary physical therapist students in clinical Education: A phenomenological study. Poster presented at the Health Professions Division REACH Day at Nova Southeastern, Fort Lauderdale, FL (February 2020).

(In collaboration with Marks, Ted, Pottorf, Ofra & Thakkar, Rima)

Hayes, Joseph
(In collaboration with Lee, Daniel & Pottorf, Ofra)

Lee, Daniel
Lee, D. J. Keeping the core strong during COVID. Amputee Coalition of America 2020 National Conference (August 2020).


Lee, D. J., Grover, P., & Reeves, K. Innovations in limb loss restoration & rehabilitation. American Congress of Rehabilitation Medicine, Atlanta, GA (October 2020).


(In collaboration with Pottorf, Ofra)

(In collaboration with Hayes, Joseph & Pottorf, Ofra)

* Supported by the Dean’s Research Awards
**Marks, Ted**  
(In collaboration with Hagan, Laura, Pottorf, Ofra & Thakkar, Rima)  

**Pottorf, Ofra**  
(In collaboration with Lee, Daniel)  
*Pottorf, O., Lee, D. J., & Abramowitz, A. Reliability and criterion validity of forearm range of motion using a smartphone application. Poster presented at the Combined Sections Meeting of the American Physical Therapy Association, Boulder, CO (February 2020).*

(In collaboration with Hayes, Joseph & Lee, Daniel)  
**Pottorf, O., Hayes, J. G. & Lee, D. J. The impact of patient simulation on developing professional behavior skills during a clinical education experience. Poster presented at the American Physical Therapy Association’s NEXT Conference, Phoenix, AZ (June 2020).**

(In collaboration with Hagan, Laura, Marks, Ted & Thakkar, Rima)  

**Schecter Weiner, Shira**  
(In collaboration with Garcia, Ralph & Molinsky, Rivka – Dean’s Office)  

**Thakkar, Rima**  
(In collaboration with Hagan, Laura, Marks, Ted & Pottorf, Ofra)  
Troiano, Robert
(In collaboration with Corio, Frances)

**Physician Assistant**

Varney, Danielle

**Speech-Language Pathology**

Reichel, Isabella
Reichel, I. & Filatova Y. *Stuttering and cluttering*. Keynote presentation at the Russian American Webinar, Moscow State Education University, Moscow, Russia (October 22, 2020).

* Supported by the Dean’s Research Awards