



RUECKERT-HARTMAN
College for
HEALTH PROFESSIONS
REGIS UNIVERSITY



2019-20

ANNUAL REPORT

RUECKERT-HARTMAN COLLEGE FOR HEALTH PROFESSIONS (RHCHP) ACADEMIC LEADERSHIP COUNCIL

Linda Osterlund, Ph.D., Academic Dean
Tristen Amador, Ph.D., MSW, Associate Dean and Professor
Catherine Witt, Ph.D., APRN, NNP-C, Dean,
Loretto Heights School of Nursing, Regis University
Mark Reinking, PT, Ph.D., ATC, Dean and Professor,
School of Physical Therapy
Samit Shah, Ph.D., MBA, Dean, School of Pharmacy
Elizabeth Hall, Ph.D., LCSW, Associate Dean,
Division of Counseling and Family Therapy
Mike Fisher, FACMPE, Chair and Professor
Division of Health Services Education



**TRUE GRIT,
RESILIENCE AND
INNOVATION
IN RESPONSE
TO VIRUS
ATTACKS**

Regis University and the Rueckert-Hartman College for Health Professions (RHCHP) faced unprecedented challenges this past year.

In August 2019, Regis was hit by a malicious cyberattack and this spring, the COVID-19 virus struck. Despite these challenges, the leadership, faculty and staff of RHCHP responded with grit, resilience, innovation and the flexibility necessary to not only survive but to thrive under extremely stressful circumstances.

With our resilience, we adjusted to the cyberattack without technology, seamlessly registering students in person and fall classes starting without a hitch.

This spring, as COVID-19 impacted our nation and the world, it was because of our ingenious faculty and technology that Regis could quickly launch innovative methods for virtual teaching. Because of our true grit, the college has continued with strength and stamina, and in some programs, has exceeded our fall enrollment expectations.

#RegisProud and #RegisRelevant

Linda Osterlund, Ph.D.

Academic Dean

Rueckert-Hartman College for Health Professions



MISSION AND VALUES

Within the Jesuit, Catholic tradition of Regis University, the Rueckert-Hartman College for Health Professions is an interprofessional college embracing the following mission and values:

Our mission is to advance the ideals of social justice and the health of our global community through innovative teaching and learning, as well as exceptional practice and scholarship.



Health Careers Collaborative



NEW PARTNERSHIPS

In March 2020, Regis and HealthONE formed the Health Careers Collaborative to build the workforce to better serve the growing health needs of Colorado.

As the educational partner to HealthONE, Regis will offer increased access to RHCHP academic programs for HealthONE employees through scholarships, preferred tuition and employee benefits. HealthONE will offer Regis additional clinical placements for nursing students and cohorts for the Master of Science in Nursing Leadership and for the Master of Science in Healthcare Administration programs. In addition, HealthONE will offer exclusive career events for Regis students. Academic Dean Linda Osterlund joined the HealthONE Board of Trustees.

SCHOLARSHIPS ESTABLISHED:

HealthONE donated \$50,000 to provide five need-based scholarships of \$10,000 each to students from under-represented communities.

Swedish Medical Center Auxiliary donated \$300,000, establishing an endowed scholarship fund for health professions students who are employees of HealthONE.



LEADERSHIP

RHCHP ADVISORY BOARD

Serves the college by providing strategic planning and advisement to ensure Regis fulfills its core values of quality clinical experience, values-based, mission-focused, data-informed innovation and distinctiveness in health professions education.

MEMBERS:

- Elizabeth Adams, Adams County Department of Human Services
- Kim Bimestefer, Colorado Department of Public Health and Environment
- Megan Brunell, Mountain States Hand and Physical Therapy
- Dina Bush, St. Joseph Hospital
- Jacqueline Calderone, MD, UC Health
- Gary Drews, 9Health
- Jim Garcia, Clinical Tepeyac
- Sr. Jennifer Gordon, SCL Health
- Karren Kowalski, former CEO, Colorado Center for Nursing Excellence
- Doug Lemieux, Centura Health
- Elizabeth Loye, Impact Sports Medicine
- Jasmine Martin, Independent Consultant
- Peter Metropulos, Denver Health Medical Center
- Michelle Mills, Colorado Rural Health Association
- Jeff Pelot, Denver Health Medical Center
- Dana Polonsky, Craig Hospital
- Erica Rossitto, HCA Continental Division
- Marian Savitsky, Sky Ridge Medical Center
- Travis Scheving, SCL Health

FIVE COLLEGES BECOME THREE

Two of Regis' most innovative colleges have joined forces, and the result is stronger programs streamlined to better meet the changing needs of today's traditional and non-traditional students.

The Anderson College of Business and the College of Computer and Information Sciences have combined to form the Anderson College of Business and Computing. The new college, led by Dean Shari Plantz-Masters, will integrate leading-edge technology with business education, and equip students to be "bilingual" – fluent in both business and technology.

Meanwhile, the College of Contemporary Liberal Sciences has become the School for Professional Advancement (SPA) and resides within Regis College. SPA, led by Dean Bryan Hall, will integrate online and traditional learning, and create an enhanced liberal arts program designed to serve adult students.

Regis College will continue to be led by Dean Tom Bowie and will continue to provide a challenging liberal arts education that allows students to explore the question, "How ought we to live?" At the same time, the School for Professional Advancement will offer students the opportunity to build transferrable skills on a liberal arts foundation.

The decision to integrate Anderson College of Business and the College of Computer and Information Sciences resulted from the University's recovery from an August 2019 cyberattack. The recovery effort clearly demonstrated the advantages students will gain from blending a strong foundation in managing technology and cybersecurity with a thorough understanding of how businesses operate.

The college will continue to offer degrees in accounting, economics, finance, marketing and other fields.

The changes in both colleges will be in effect for the fall 2020 semester.

SCHOLARSHIPS

Six new scholarships were established this year to support educational access and increase diversity of underrepresented students with a focus on strengthening compassion and clinical excellence in health care.

- HealthONE Health Careers Collaborative Scholarship
- Swedish Medical Center Health Professions Endowed Scholarship
- Suzi Lockard Memorial Neonatal Nurse Practitioner Scholarship
- Mary and Andrew Rebeck Nursing Scholarship
- Janice N. Dunbar, LHC'55 Endowed Scholarship

There are many opportunities for you to make an impact — consider helping students achieve their dream of becoming a future health care provider by supporting our scholarships.

Visit: www.regis.edu/alumni or contact Laurel Petralia, University Advancement, 303.964.6044; lpetralia@regis.edu

OUR DISTINCTIVENESS

GLOBAL HEALTH PATHWAY

This program is available to students who seek a rich, transformative experience learning about and working with diverse populations, locally or abroad. This year, 10 Regis students and two faculty members traveled to Tanzania. Working in partnership with Global Volunteers, they experienced first hand the impact of global health issues on indigenous people while strengthening their clinical and cultural competency skills.

INTERPROFESSIONAL EDUCATION (IPE):

IPE allows students from two or more health professions to learn together during all or a part of their professional training. IPE is an integral part of RHCHP's distinctiveness. RHCHP Healthcare accrediting bodies require IPE components to ensure a more collaborative model of healthcare practice. This year, faculty and staff facilitated 21 interprofessional, educational activities benefiting 683 students among diverse disciplines.

SERVICE LEARNING OPPORTUNITIES:

Foundationally, service learning is woven into all Regis educational programs. Students gain insight into social justice issues while developing and strengthening their critical thinking, communication, leadership and cultural intelligence skills. This year, service learning projects served 2,200 students in 40 courses.



OUR ACCOMPLISHMENTS

Rueckert-Hartman College for Health Professions experienced enrollment wins in our fiscal year 2020. Loretto Heights School of Nursing currently is exceeding its \$19 million revenue target by 3.5%; the Division of Counseling and Family Therapy, the Division of Health Services Education and the School of Physical Therapy are each coming in ahead of their respective budgets; and although the national pharmacy landscape is difficult, the school currently sits at 33% ahead of last year on new student deposits for fall 2020.



**LORETTO HEIGHTS SCHOOL OF NURSING
DR. CATHY WITT, DEAN.**

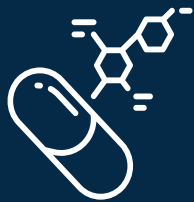
2020 is the “Year of the Nurse” and RHCHP recognized National Nurses Week May 6-12.

Regis NCLEX nursing licensure scores remain high, ranging from 97% - 100% across programs.

Program Growth: Bachelor of Science in Nursing (BSN) (traditional, CHOICE, and accelerated); MS Nursing Leadership, and Psychiatric Mental Health Nurse Practitioner all are experiencing program growth and greater enrollment demand. Regis is limited to increasing enrollment due to clinical training space limitations.

Relocation: The current skills lab on campus is being relocated to the Thornton campus, opening August 2020.

Expansion: The simulation lab in Claver Hall will be expanded to serve more students in 2020-2021. The goal is to expand simulation to 25% of clinical experience (50% is allowable), which is particularly important in light of increased competition for clinical placements. Although nursing is a primary user of the simulation lab, all health professions programs utilize this lab. Over 5,000 students in 185 courses were trained using simulation, with 500 students in 17 courses participating in interprofessional education simulations this academic year alone. Regis is currently seeking financial support to expand the simulation lab. In doing so, Regis will be able to add 26 students over the next three years to our most competitive nursing programs. Dr. Linda Osterlund would be happy to discuss funding opportunities and can be reached at losterla@regis.edu.



SCHOOL OF PHARMACY

In August 2019, **DR. SAMIT SHAH, DEAN**, joined Regis as the Dean of the School of Pharmacy.

The School of Pharmacy is projecting an exceptional enrollment for 2020-2021.

The new certificate in Pharmaceutical Industry Affairs program is geared toward students in the pharmacy program who intend to pursue roles in the pharmaceutical industry in areas such as clinical research/development, medical affairs, regulatory affairs, pharmacovigilance, health outcomes and medical information and communication. The new certificate program will be offered in fall 2020.

The School of Pharmacy was featured in a recent Denver Post article as a school that “ranks with the big dogs” primarily because of the 99% NAPLEX licensure pass rate and the team-based learning model, which distinguishes the program.



SCHOOL OF PHYSICAL THERAPY

Led by **DR. MARK REINKING, DEAN**, the School of Physical Therapy is ranked 25th in the 2020 U.S. News and World Report ranking of physical therapy educational programs. Regis is one of two non-academic medical center programs in the top 30. In February, the school celebrated its 25th anniversary, hosting over 450 people at an event that included alumni, current students, current and former faculty, deans and provosts and a special guest, the president of the American Physical Therapy Association.

Dr. Reinking was awarded the Turner A. Blackburn Hall of Fame/Lifetime Achievement Award from the American Academy of Sports Physical Therapy and the Catherine Worthingham Fellowship of the APTA, the highest achievement possible in APTA. In May, Dr. Reinking was elected as president of the American Council of Academic Physical Therapy.



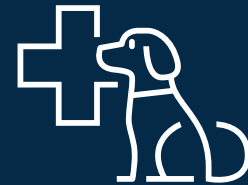
DIVISION OF HEALTH SERVICES EDUCATION (HSE)

MIKE FISHER, DBA, FACMPE, CHAIR. The division added an Academic Success Coach to its team for the often complex, prescriptive advising of its 300 undergrad and graduate programs. The division was the recipient of another \$10,000 from the COPIC Medical Foundation for the eighth year in a row, totaling \$80,000 in support. Two students were selected and awarded \$5,000 each in this academic year to be utilized toward the post-bachelor's Certificate in Quality and Patient Safety.



DIVISION OF COUNSELING AND FAMILY THERAPY (DCFT)

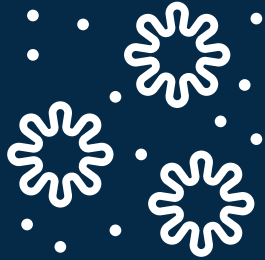
In March, **BETSY HALL, PH.D., ASSOCIATE DEAN,** was appointed associate dean. As a result of COVID-19, all DCFT spring classes seamlessly transitioned to online and remote teaching through the use of synchronous Zoom technology. A new \$2 million endowment will support a director position and strengthen counseling programs that serve low-income families and children.



CANINE COMPANIONS OF INDEPENDENCE

The School of Physical Therapy is raising its sixth puppy for Canine Companions for Independence (CCI). The first Interprofessional Puppy, Nubbin, successfully completed her training program and was matched as a facility dog with the Fullerton, Calif., Police Department.

OUR FUTURE



MANAGING PANDEMIC UNCERTAINTIES

- Regis leadership created three contingency plans to allow for: an increased coordination of space to allow for the new normal of social distancing in classrooms; a creative use of space; partnerships with placements; preparing students with guidance on returning to placements; and providing personal protective equipment.
- Regis is shifting clinical hours to its simulation lab given the cost and competition of clinical placements, especially for traditional BSN students who can substitute up to 50% simulation lab time for direct clinical hours.
- Regis is building partnerships with health care systems to support clinical opportunities.
- Regis will serve as a COVID-19 testing site to keep students, faculty and staff safe while providing the most optimal campus educational experience.



CONTINGENCY PLANS FOR HYBRID/ VIRTUAL/ONLINE LEARNING

- The Regis ITS department will continue to provide training and technology (connectivity, equipment, software).
- Staff and faculty will be provided flexibility, time and support to work under extraordinary circumstances as a result of virtual classrooms.
- Regis will utilize student success coaches to the fullest extent possible.

STRENGTHEN REGIS' SOCIAL LENS

- We will recruit for diversity and provide professional development opportunities and resources to support diverse faculty and staff.
- The Mission team and the President's Council on Race and Social Justice will provide leadership to ensure Regis continues to offer a welcoming and safe campus for all students.

CONTINUE STRONG COMMUNITY COLLEGE PARTNERSHIPS TO ENHANCE TRANSFER OPPORTUNITIES, ESPECIALLY IN HIGH-NEED RURAL AND UNDERSERVED AREAS.

For more information about the Rueckert-Hartman College for Health Professions, please contact Linda Osterlund, Academic Dean, losterla@regis.edu; **303.964.6410**



2019 FACULTY PUBLICATIONS

ALBIN, STEPHANIE

Albin, S. R., Koppenhaver, S. L., Bailey, B., Blommel, H., Fenter, B., Lowrimore, C., Smith, A. C., & McPoil, T. G. (2019). The effect of manual therapy on gastrocnemius muscle stiffness in healthy individuals. *Foot (Edinburgh, Scotland)*, 38, 70–75. <https://doi.org/10.1016/j.foot.2019.01.006>

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AMADOR, TRISTEN

See also: Mancuso, Roberta (CCLS)

ANEMAET, WENDY

Trotter, J., Moffa Trotter, M., & Anemaet, Wendy K. (2019). Pharmacology. In J. Bottomley & C. B. Lewis (Eds.), *Clinical Approach to Geriatric Rehabilitation, Fourth Edition*. Slack Incorporated. <https://www.healio.com/books/healthprofessions/physical-therapy/{30c40a60-4915-4334-916a-9b7950e0a6d9}/clinical-approach-to-geriatric-rehabilitation-fourth-edition>

BAUM, BRIAN

White, J. D., Carson, N., Baum, B. S., Reinking, M. F., & McPoil, T. G. (2019). USE OF 2-DIMENSIONAL SAGITTAL KINEMATIC VARIABLES TO ESTIMATE GROUND REACTION FORCE DURING RUNNING. *International Journal of Sports Physical Therapy*, 14(2), 174–179.

BERLAU, DAN

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BUXTON, THERESA

Buxton, T. G., Claywell, L., Goerke, K., & Pennington, K. (2019). Dual Enrollment: Learning in an Accelerated 5 Week RN-BSN Hybrid Format. *Teaching and Learning in Nursing*, 14(3), 141–144. <https://doi.org/10.1016/j.teln.2019.01.007>

CHAPPELL, LISA

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CLAIBORNE, MICHELE

Moote, R., Claiborne, M., & Galloway, A. (2019). Interprofessional education telephone simulation for campus-based pharmacy students and distance-learning family nurse practitioner students. *Currents in Pharmacy Teaching & Learning*, 11(3), 264–269. <https://doi.org/10.1016/j.cptl.2018.12.008>

CLAPP, PETE

See also: James, Stephanie

CLAYWELL, LORA

See also: Chappell, Lisa

COGAN, PETE

Ganesh, A. N., Aman, A., Logie, J., Barthel, B. L., Cogan, P., Al-Awar, R., Koch, T. H., Shoichet, B. K., & Shoichet, M.

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See also: James, Stephanie

CULLEN, PATSY

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FELTMAN, CHRISTINE

See also: Rich, Amy Fete, Matt

Fete, M. G., Betker, J. L., Shoemaker, R. K., & Anchordoquy, T. J. (2019). A novel method for conjugating the terminal amine of peptide ligands to cholesterol: Synthesis iRGD-cholesterol. *Therapeutic Delivery*, 10(1), 11-20. <https://doi.org/10.4155/tde-2018-0057>

GORMAN, IRA

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HAMMERICH, AMY

Hammerich, A., Whitman, J., Mintken, P., Denninger, T., Akuthota, V., Sawyer, E. E., Hofmann, M., Childs, J. D., & Cleland, J. (2019). Effectiveness of Physical Therapy Combined With Epidural Steroid Injection for Individuals With Lumbar Spinal Stenosis: A Randomized Parallel -Group Trial. *Archives of Physical Medicine and Rehabilitation*, 100(5), 797-810. <https://doi.org/10.1016/j.apmr.2018.12.035>

Hammerich, Amy S., Scherer, S., & Jones, M. A. (n. d.). Influence of Stress, Coping and Social Factors on Pain and Disability in Musculoskeletal Practice. In M. A. Jones & Rivett, Darren A. (Eds.), *Clinical Reasoning in Musculoskeletal Practice*. Elsevier Health Sciences (2nd ed.). Elsevier.

HOFMANN, MELANIE

See also: Hammerich, Amy

JAMES, STEPHANIE

James, S., Cogan, P., & McCollum, M. (2019). Team -Based Learning for Immunology Courses in Allied Health Programs. *Frontiers in Immunology*, 10. <https://doi.org/10.3389/fimmu.2019.02477>

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JAGGER, KRISTEN

Malloy, B., Furrow, D., Cook, H., Smoot, E., Cash, L., Aron, A., Jagger, K., & Harper, B. (2019). Anterior Talofibular Ligament and Superior Extensor Ankle Retinaculum Thicknesses: Relationship with Balance. *Journal of Korean Foot and Ankle Society*, 23(4), 173. <https://doi.org/10.14193/jkfas.2019.23.4.173>

KRUSCHKE, CHERYL

Mannion, A., Summerville, S., Barrett, E., Burke, M., Santorelli, A., Kruschke, C., Felzmann, H., Kovacic, T., Murphy, K., Casey, D., & Whelan, S. (2019). Introducing the Social Robot MARIO to People Living with Dementia in Long Term Residential Care: Reflections. *International Journal of Social Robotics*. <https://doi.org/10.1007/s12369-019-00568-1>

MACDONALD, CAMERON

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MCCOLLUM, MARIANNE

See also: James, Stephanie Malarkey, Chris Hewitt, P. H., Pianim, E. D., DiCesare, N. A., Gray, C., Leong, T. T., Sakai, K., Bernal, J. V., Shetty, S. S., & Malarkey, C. S. (2020). Investigation of the thermodynamic drivers of the interaction between the high mobility group box domain of Sox2 and bacterial lipopoly saccharide. *Biochimica Et Biophysica Acta. Biomembranes*, 1862(2), 183106. <https://doi.org/10.1016/j.bbmem.2019.183106>

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NELSON-WONG, ERIKA

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Viggiani, D., Nelson-Wong, E., Davidson, B. S., & Callaghan, J. P. (2019). A comparison of trunk control in people with no history, standing-induced, and recurrent low back pain during trunk extension. *The Journal of Manual & Manipulative Therapy*, 1–9. <https://doi.org/10.1080/10669817.2019.1701834>

O'DELL, DENISE

Cummins, D. P., Connor, J. R., Heller, K. A., Hubert, J. S., Kates, M. J., Wisniewski, K. R., Berliner, J. C., O'Dell, D. R., Elliott, J. M., Weber, K. A., & Smith, A. C. (2019). Establishing the inter-rater reliability of spinal cord damage manual measurement using magnetic resonance imaging. *Spinal Cord Series and Cases*, 5(1), 1–5. <https://doi.org/10.1038/s41394-019-0164-1>

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REINKING, MARK

See also: Baum, Brian

RICH, AMY

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SMITH, ANDREW

Crawford, R. J., Fortin, M., Weber, K. A., Smith, A., & Elliott, J. M. (2019). Are Magnetic Resonance Imaging Technologies Crucial to Our Understanding of Spinal Conditions? *The Journal of Orthopaedic and Sports Physical Therapy*, 49(5), 320–329. <https://doi.org/10.2519/jospt.2019.8793>

Elliott, J. M., Heinrichs, B. E., Walton, D. M., Parrish, T. B., Courtney, D. M., Smith, A. C., Hunt, J., Kwasny, M. J., Wasielewski, M., & Siegmund, G. P. (2019). Motor vehicle crash reconstruction: Does it relate to the heterogeneity of whiplash recovery? *PLoS One*, 14(12), e0225686. <https://doi.org/10.1371/journal.pone.0225686>

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See also: Albin, Stephanie See also: O'Dell, Denise

SUCHER, BRANDON

Fierke, K. K., Lepp, G. A., Maxwell, W. D., Hager, K. D., & Sucher, B. J. (2019). Improving advanced pharmacy practice experiences with an intention/reflection practice. *Currents in Pharmacy Teaching and Learning*, 11(4), 394–401. <https://doi.org/10.1016/j.cptl.2019.01.002>

SULLIVAN, PATRICK

Sullivan, P. W., Ghushchyan, V., Navaratnam, P., Friedman, H. S., Kavati, A., Ortiz, B., & Lanier, B. (2018). The national burden of poorly controlled asthma, school absence and parental work loss among school-aged children in the United States. *The Journal of Asthma: Official Journal of the Association for the Care of Asthma*, 55(6), 659–667. <https://doi.org/10.1080/02770903.2017.1350972>

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