

2021-2022
**INTERPROFESSIONAL
PROGRAMS AT RUTGERS**

RBHS Office of Interprofessional Programs



RUTGERS
THE STATE UNIVERSITY
OF NEW JERSEY



MESSAGE FROM THE VICE CHANCELLOR FOR INTERPROFESSIONAL PROGRAMS

According to the World Health Organization, "Collaborative practice happens when multiple health workers from different professional backgrounds work together with patients, families, carers and communities to deliver the highest quality of care across settings." Highly functioning interprofessional healthcare teams improve quality and health outcomes. The goal of interprofessional education at Rutgers Biomedical and Health Sciences is to train our students to be highly competent members of healthcare teams. As this most recent annual report demonstrates, we continue to offer a wide range of interprofessional educational experiences for our students so they might effectively learn with, from and about each other.

At Rutgers we are fortunate to have students from all of the schools and programs that make up Rutgers Biomedical and Health Sciences. We also include students from the Rutgers School of Social Work and the Graduate School of Applied and Professional Psychology. For this reason, our students have an opportunity to learn with other students representing over a dozen different disciplines. As we aim to train a new generation of health care professionals in team-based care we remain ever mindful of the challenges we face as we strive to reduce and eventually eliminate disparities in health outcomes by race/ethnicity and socioeconomic status. This means that in addition to teaching our students the fundamental skills that are part of the TeamSTEPPS program, we must also teach them about implicit bias, structural racism and the importance of structural competency. Fortunately, we have a cadre of faculty and students committed to these tasks.

- Denise V. Rodgers, MD, FAAFP, Vice Chancellor for Interprofessional Programs

WHAT IS IPE AND IPCP?

Interprofessional Education (IPE) occurs when students from two or more professions learn about, from and with each other to enable effective collaboration and improve health outcomes.

Interprofessional Collaborative Practice (IPCP) takes place when multiple health workers from different professional backgrounds work together with patients, families, [carers] and communities to deliver the highest quality of care.

Source: World Health Organization, 2010

CORE COMPETENCIES FOR INTERPROFESSIONAL COLLABORATIVE PRACTICE

1. VALUES/ETHICS FOR INTERPROFESSIONAL PRACTICE

Work with individuals of other professions to maintain a climate of mutual respect and shared values.

2. ROLES/RESPONSIBILITIES

Use the knowledge of one's own role and those of other professions to appropriately assess and address the health care needs of patients and to promote and advance the health of populations.

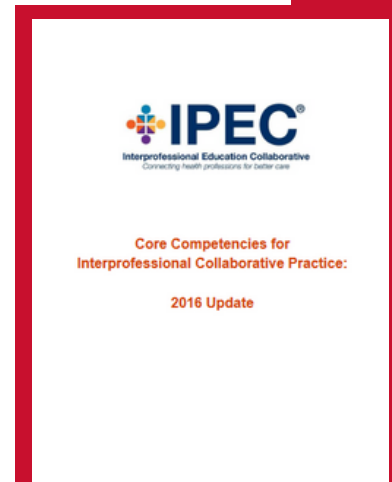
3. INTERPROFESSIONAL COMMUNICATION

Communicate with patients, families, communities, and professionals in health and other fields in a responsive and responsible manner that supports a team approach to promotion and maintenance of health and prevention and treatment of disease.

4. TEAMS AND TEAMWORK

Apply relationship-building values and the principles of team dynamics to perform effectively in different team roles to plan, deliver and evaluate patient/population-centered care and population health programs and policies that are safe, timely, efficient, effective, and equitable.

Source: IPEC Core Competencies for Interprofessional Collaborative Practice: 2016 Update



INTERPROFESSIONAL PROGRAMS AND EVENTS

At Rutgers University, over 3,000 students from 9 health professions schools engaged in interprofessional education programs and events during the 2021-2022 academic year.

Collaborating schools and programs are listed below:

- Ernest Mario School of Pharmacy (EMSOP)
- New Jersey Medical School (NJMS)
- Robert Wood Johnson Medical School (RWJMS)
- School of Dental Medicine (SDM)
- School of Health Professions (SHP):
 - Diagnostic Medical Sonography Program (SHP-DMS)
 - Entry Level Master of Science in Clinical Nutrition (SHP-MSCN)
 - Medical Laboratory Science Program (SHP-MLS)
 - Occupational Therapy Assistant Program (SHP-OTA)
 - Physical Therapy Program (SHP-DPT)
 - Physician Assistant Program (SHP-PA)
- School of Nursing (SON)
- School of Public Health (SPH)
- Graduate School of Applied and Professional Psychology (GSAPP)
- School of Social Work (SSW)

Inteprofessional Education Orientation and Minding Your Mind

This session is designed to introduce health professional students to interprofessional education and collaborative practice.

Number of students (2021-2022: Virtual): 455
Participating Schools: SDM, NJMS, EMSOP, SSW, SHP-MSCN, GSAPP

Nutritional Interprofessional Experience

Students use an evidence based approach to examine the impact of diet and nutrition on health outcomes related to specific diseases, gain experience in oral scientific presentations, and participate in an interprofessional discussion.

Number of students (2021-2022: Virtual): 193
Participating Schools: NJMS, SHP-MSCN

An Interprofessional Education and Collaborative Practice Online Exercise

As part of this asynchronous online exercise, students complete reading assignments, view collaborative practice video case studies and participate in group discussions. The purpose of this experience is to expose students to specific roles of various health professions related to the care of patients and provide them with an opportunity to work in interdisciplinary groups.

Number of students (2021-2022): 503
Participating Schools: SON, NJMS, SDM, EMSOP, SHP-MSCN

IPE CVA Case Experience

Students work through a case involving a patient who has had a stroke and is receiving healthcare over the course of several weeks. This experience facilitates knowledge of the roles and responsibilities of other members of the patient care team as well as shared decision-making in a setting that emphasizes the importance of patient-centered, interprofessional care in creating safer, more efficient and more effective systems of care.

Number of students (2021-2022: Virtual): 631
Participating Schools: EMSOP, RWJMS, SON, SDM, SHP-DPT, SHP-PA, SHP-MLS, SHP-MSCN, SHP-OTA, SSW, SEBS-ISPP

INTERPROFESSIONAL PROGRAMS AND EVENTS

Making Difficult Decisions with Patients and Families: An Interprofessional Education Event

During these interprofessional sessions, students learn about ethical analysis, address complex ethical questions concerning patients and families living with life-limiting illnesses, and explore the ethical dilemmas that are created when patients are making choices involving high cost treatments.

Number of students (2021-2022: Virtual): 223
Participating Schools: SPH, SSW

Interprofessional Simulation Activity

Physician assistant and pharmacy students engage in discussion and participate in interprofessional simulations covering topics such as women's health, behavioral health, cardiac and respiratory health, and infectious disease.

Number of students (2021-2022: Virtual): 96
Participating Schools: EMSOP, SHP-PA

Social Determinants of Health and Patient Safety: Fostering Interprofessional Team Communication: Patient Safety, Teamwork and Collaboration

Students view a video recording on interprofessional team interactions for a patient admitted to the University Hospital emergency department, engage in interprofessional team group debriefing interactions, and participate in a live virtual class session.

Number of students (2021-2022: Virtual): 381
Participating Schools: SON, NJMS, SDM, SSW

Hospice Interprofessional Case Conference

Students function as members of the healthcare team involved in the care of a patient who undergoes treatment for an oral cancer diagnosis, eventually transferring to hospice care. Participants represent their own discipline bringing their own perspective to the discussions, identify key issues, and develop care plans at various points in the course of the patient's illness.

Number of students (2021-2022: Virtual): 212
Participating Schools: SDM, SHP-DPT, EMSOP, SON, SSW, SHP-MSCN, SPH

Interprofessional Joining Forces Veteran's Healthcare Program

This program focuses on the importance of providing interprofessional collaborative care to military veterans. Students listen to the personal stories and experiences of veterans, learn about advances in limb trauma, amputation care, post-traumatic stress disorder, and mild traumatic brain injury, and engage in biopsychosocial assessment and interdisciplinary collaborative care planning.

Number of students (2021-2022: Virtual): 209
Participating Schools: NJMS, SDM, SHP-DPT, EMSOP, SSW, SHP-OTD

Medication Errors Event

Students engage in collaborative dialogue about medication errors and apply key TeamSTEPPS principles of team structure, communication strategies, leadership, situation monitoring and mutual support to cases provided.

Number of students (2021-2022: Virtual): 463
Participating Schools: EMSOP, RWJMS, SHP-PA, SON

INTERPROFESSIONAL PROGRAMS AND EVENTS

Interprofessional Osteoporosis and Fall Risk Screening

Students learn about prevention of osteoporosis and fall risk, teach each other how to perform specific components of an osteoporosis and fall risk assessment, and promote education of community members about osteoporosis and fall risk via their participation in screenings.

Number of students: (2021-2022: Virtual): 177
Participating Schools: EMSOP, SON, SHP-PT

Joining Forces: Rutgers Robert Wood Johnson Medical School Patient-Centered Care for Warriors, Veterans, and their Families: An Interprofessional Education Program

This program focuses on the importance of providing interprofessional collaborative care to military veterans. Students listen to the experiences of veterans and their families, learn to recognize the impact of the COVID-19 pandemic on the health, health disparities, and care of service members and veterans, and engage in biopsychosocial assessment and interdisciplinary collaborative care planning.

Number of students (2021-2022: Virtual): 225
Participating Schools: RWJMS, EMSOP, SHP-DPT, GSAPP, SSW

Special Populations Interprofessional Care Experiences (SPICE)

The SPICE program seeks to improve access to and quality of oral health care for vulnerable and underserved communities within the city of Newark and surrounding areas by providing enhanced training of diverse health professions students. Students participate in interprofessional weekly oral medicine and special needs case discussions, a special needs honors curriculum, and placement in community-based sites.

Number of students (2021-2022: Virtual): 689
Participating Schools: SDM, EMSOP, NJMS, SON, SHP-MSCN, SSW

"I feel IPE is the main opportunity we as students get to collaborate and interact with other health profession students. Not only were we able to share our common passions for healthcare, but we were also able to learn from each other's different expertise and backgrounds to optimize patient care. IPE allowed us to collaborate with other students outside of our practice that we will definitely interact with in the healthcare setting.."

-Ernest Mario School of Pharmacy Student

Source: Rutgers Ernest Mario School of Pharmacy Spring 2022 Preceptor Newsletter

INTERPROFESSIONAL GRANTS, PUBLICATIONS, ABSTRACTS AND PRESENTATIONS

2021-2025: Rutgers University Behavioral Youth (RUBY) Collaborative, a Behavioral Health Workforce Education and Training (BHWET) Program. Health Resource Service Administration (HRSA), \$1,919,833, Findley, P. (Co-PI), Simmel, C. (Co-PI)

Clinical mental health counselors in training and social work and psychiatric mental health nurse practitioner interns will receive interprofessional experiential training at integrated, interdisciplinary behavioral and primary care sites serving underserved transition aged youth throughout the state of NJ. The goal of the program is to promote collaborative side-by-side learning and practice programming to prepare practitioners to provide team-based, person-centered, population-based, culturally-competent behavioral health interventions.

2021-2022: Summer Health Professions Education Program (Rutgers, The State University of New Jersey Health Education Leadership and Interprofessional Excellence [HELIX]). Robert Wood Johnson Foundation (RWJF). \$330,000, Soto-Greene, M. (PI), Chaviano-Moran, R. (Co-PI), Yang, K. (Co-PI), Sturgill, M. (Co-PI)

The Summer Health Professions Education Program (SHPEP) is a free summer enrichment program focused on improving access to information and resources for college students interested in the health professions. The Summer Health Professions Education Program (SHPEP) at Rutgers' New Jersey Medical School, School of Dental Medicine, School of Nursing and Ernest Mario School of Pharmacy was awarded \$330K to continue the interprofessional SHPEP program.

Publications

Alessi, E.J., Caldwell, B., Zazzarino, A.S., Greenfield, B., Findley P.A. (2022). 'You just really have to assert yourself:' social work, nursing, and rehabilitation counseling student experiences of providing integrated behavioral health services before and after the immediate start of COVID-19. *BMC Health Services Research*. 18;22(1):88.

Casey, D.E., Daniel, D.M., Bhatt, J., Carey, R.M., Commodore-Mensah, Y., Holmes, A., Smith, A.P., Wozniak, G., Wright, J.T. (2022). Controlling High Blood Pressure, An Evidence-Based Blueprint for Change. *American Journal of Medical Quality*. 37(1):22-31.

Nadeem, E., McNamee, E., Hassmiller Lich, K., Perry, D., & Lang, J. (2022). Novel application of System Support Mapping for sustainment of a trauma-related behavioral health intervention in school-based health centers. *Evidence-Based Practice in Child and Adolescent Mental Health*.
<https://doi.org/10.1080/23794925.2022.2056928>

Volino, L.R., Brust-Sisti, L.A., Patel, S., Yeh, D., Liu, M.T., Cogan-Drew, T., Parrott, J.S. (2022). Evaluation of Interprofessional Education on Effective Communication Between Pharmacy and Physician Assistant Students. *Journal of Physician Assist Education*. 1;33(2):114-118.

INTERPROFESSIONAL GRANTS, PUBLICATIONS, ABSTRACTS AND PRESENTATIONS

Publications

Forman, S. G., Lekwa, A. J., & Shahidullah, J. D. (2021). Behavioral health engagement and treatment strategies: Pediatric chief resident perspectives. *Families, Systems, & Health*, 39(3), 434-442.

Nadeem, E., De la Torre, G., Floyd-Rodriguez, V., & Greswold, W. (2021). Trauma in schools: An examination of the screening and linkage process to integrated behavioral health in school-based health centers. *Journal of School Health*, 91(5), 428-436.

Abstracts

Rico, V., Sabato, E., Fenesy, K. (March 2022). "Improving Access to Oral Healthcare Through Interprofessional Clinical Experiences." Abstract accepted for presentation at the 2022 ADEA Annual Session & Exhibition, Philadelphia, PA.

Presentations

Nelson, J., Brennan, C., Salem, S., Gadkowski, L., Janelle, J., Pressley, M., Mahgoub, S. (June 2022). Clinic LGBTQ+ welcoming measures: Do they make a difference? Presentation at the Indiana University National HIV Conference in Indianapolis, IN.

Smith, J.M, Jarrín O.F., Lin, H., Tsui, J., Thomas-Hawkins, C. (June 2022). Racial and ethnic disparities in post-acute home health care utilization. Podium presentation given at the Interdisciplinary Research Group on Nursing Issues, AcademyHealth Annual Research Meeting in Washington DC.

Smith, J.M, Jarrín O.F., Lin, H., Tsui, J., Thomas-Hawkins, C. (June 2022). Racial and ethnic disparities in post-acute home health care utilization. Poster presented at the AcademyHealth Annual Research Meeting in Washington DC.

Smith, J.M, Lin, H., Thomas-Hawkins, C., Tsui, J., Jarrín O.F. (June 2022). Home health care initiation and rehospitalizations in older adults with diabetes. Poster presented at the AcademyHealth Annual Research Meeting in Washington, DC.

Holmes, A. (March 2022). The View from the Front Lines - What a Health Care Provider Wishes Attorneys Would Advise Their Clients. Presentation given at the NJSBA Second Annual End of Life Conference: Legal and Practical Issues for Advance Care Planning. Virtual.

Will, K.K., Kazenski, D.M., Bridenbaugh, J., Zerr, B. (March 2022). Getting to Know Interprofessional Education (IPE) and Strategies for Implementation. Webinar hosted by the Nutrition and Dietetic Educators and Preceptors, Academy of Nutrition and Dietetics. Virtual.

INTERPROFESSIONAL GRANTS, PUBLICATIONS, ABSTRACTS AND PRESENTATIONS

Presentations

Nadeem, E., Maddex, M., Moore, E., Gomes, E., Greswold, W. Schapiro, N. (October 2021). Considerations in Trauma Screening and Evidence-based Practice (EBP) Delivery for Newcomer Youth. Paper presented at the 2021 Annual Conference on Advancing School Mental Health. Virtual.

Rico, V., Sabato, E., Fenesy, K. (October 2021). Improving Access to Oral Healthcare Through Interprofessional Clinical Experiences. Presentation given at the APHA 2021 Annual Meeting & Expo, Denver, CO and Virtual.

Sabato, E., Fenesy, K., Gataletto, M.A., Findley, P. (October 2021). Enhancing Access to Oral Healthcare for Special Needs Patients: A Focused Honors Program for Predoctoral Dental Students. Presentation given at the APHA 2021 Annual Meeting & Expo, Denver, CO and Virtual.

Rodgers, D. (September 2021). Putting DEI Into Action: Lessons From Denver Health. Presentation given at the Nexus Summit 2021. Virtual.

Van Wingerden, A., Yang, K., Wagner, M., Lim, E., Hoang, T. (September 2021). Transforming Interprofessional Education: Development of an Innovative, Immersive Program for Osteoporosis/Fall Risk Screening. Presentation given at the 2021 Nexus Summit. Virtual.

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RBHS Office of Interprofessional Programs

Our Mission

The mission of the Rutgers Biomedical and Health Sciences Office of Interprofessional Programs is to facilitate the development, implementation and evaluation of interprofessional educational, clinical and research programs within and between the schools, clinical units and institutes that make up Rutgers Biomedical and Health Sciences.

Our Vision

Rutgers Biomedical and Health Sciences will lead the nation in training health professions students to work as effective members of interprofessional teams.

The clinical practices within RBHS will demonstrably improve health outcomes in the patients and communities we serve by providing patient care that utilizes highly functioning interprofessional teams.



More information:

<https://oipp.rbhs.rutgers.edu>



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