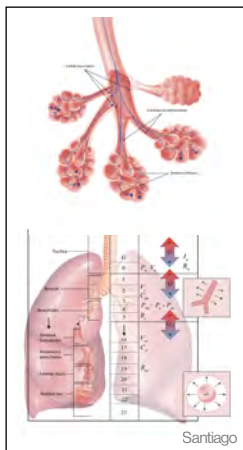


PHT180

PERSONALIZED
HEALTHCARE
TECHNOLOGY
Updates & Insights



Creative Services

Illustration Highlight: Kaitlin Stack Whitney (CLA) published an article on human and nonhuman fecal microbiota transplants in a special issue of *Catalyst: Feminism, Theory, Technoscience*. PHT180 students Liliana Ramos and Mary Nyugen created the illustrations for the article.

PHT180 student Kristen Santiago also worked with Jennifer O'Neil (CET) and Kara Maki (COS). For more examples or to find the creative design, animation, and illustrations that best contribute to your research project, contact PHT180.

Upcoming Events

Wednesday, January 22

PHT180 Grant Workshop: DoD CDMRP

12:00pm – 1:00pm in SIH-1600

[Click Here to Register](#)

PHT180 invites you to a grant workshop focused on the Congressionally Directed Medical Research Program (CDMRP). Please join us to learn more about the CDMRP and hear the experiences of PHT180 affiliates who have successfully competed in this program. Lunch will be provided!

How can we help?

PHT180 is here to help you **identify, develop, manage, and promote** your research. Contact us today at pht180@rit.edu.

Affiliate Highlights

Sean Hansen, Department Chair of the Department of MIS, Marketing, and Analytics at the Saunders College of Business, was named the inaugural **E. Philip Saunders Endowed Professor** in the Saunders College of Business. Congratulations Sean!

Blanca Lapizco-Encinas, Professor in the Department of Biomedical Engineering at the Kate Gleason College of Engineering, published an essay in **The Conversation** on microfluidic electrophoresis. Great work Blanca!
<https://theconversation.com/tiny-laboratories-that-fit-in-your-hand-can-rapidly-identify-pathogens-using-electricity-241184>

Ruben Proano, Associate Professor in the Department of Industrial and Systems Engineering at the Kate Gleason College of Engineering, was invited to join the **World Health Organization's Technical Advisory Group on Market Access for Vaccines**. Congratulations Ruben!

Jian Liu, Assistant Professor in the School of Chemistry and Materials Science at the College of Science, co-hosted the annual **Research Slide Slam** and poster session at RIT in November. The event showcased short presentations by principal investigators and posters by students to encourage collaborations and introduce undergraduates to research opportunities.

Affiliate Publications

Eva Navarro-López, Professor, School of Interactive Games and Media, GCCIS
 García-Aguirre, R., Navarro-López, E. M., & Torres-Treviño, L. (2024). Gen-CNN: A framework for the automatic generation of CNNs for image classification. *Neural Computing and Applications*. Accepted for publication.

Kara Maki, Professor, School of Mathematics and Statistics, COS

Jennifer O'Neil, Associate Professor, Department of Manufacturing and Mechanical Engineering Technology, CET

O'Brien, J. E., Maki, K. L., & O'Neil, J. A. (2024). Predicting particle deposition in an adult human lung using an oscillatory, lumped respiratory model. *Journal of Aerosol Science*, 181, 106430.

<https://www.sciencedirect.com/science/article/abs/pii/S0021850224000971>

Let us know.

Promoting your success is one of PHT180's missions. If you have an important update, publication, award, or other achievement, please let us know. We want to share your successes with our research community. Contact us today at pht180@rit.edu.

New Awards (Fall '24)

Gill Tsouri, DoD CDMRP

Rebecca Houston, NIH R15

Jessica Hardin, Wenner Gren Foundation

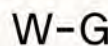
Karin Wuertz-Kozak and Maureen Ferran, NSF

Elizabeth Ruder, NIFA

Xudong Zheng, Carlsberg Foundation

Cory Crane, DoD/FAVER

Byron Erath, NIH P50

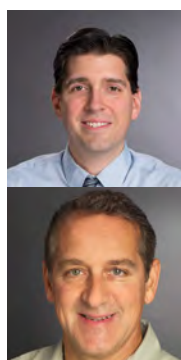


New PHT180 Leadership Members

PHT180 is excited to welcome two new members to the leadership team:

Cory Crane
CHST

Chris Bondy
GCCIS

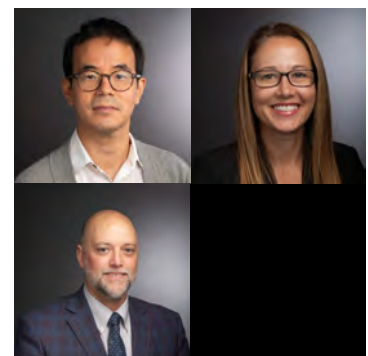


New Affiliates

Ji Hwan Park
GCCIS

Pamela Beach
CHST

Byron Erath
KGCOE



Grant Review Roundtable

RIT | Personalized Healthcare Technology
PHT180

Consider having your grant proposal reviewed by a dedicated small group of RIT faculty prior to submission. To find out more and request your review, please visit <https://rit.edu/pht180>.

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ROUNDTABLES

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SUBMISSIONS

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AWARDS

Results are of the FY 2023 roundtables. 2024 roundtables are still under review.