



EVMS
SCHOOL OF
HEALTH PROFESSIONS

SCHOOL OF HEALTH PROFESSIONS

21 | Annual 22 | Report

Eastern Virginia Medical School | Norfolk, VA



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Message from the Dean



The 2021-2022 academic year was another very successful one for the EVMS School of Health Professions. Among other accomplishments we:

- Enrolled over 360 total students and graduated 337 students from our collective programs; and
- Continue to exceed national average pass rates and scores on graduating student certification and licensure exams.
- Began the development of new graduate certificate programs.

I hope you will take the time to review this report and the substantial accomplishments of our faculty, staff, students and alumni during the past year. This report mentions only a few of the many compelling reasons to be proud of them, but individually and collectively they have made EVMS more successful and the community a better place. Thank you!

Best regards,

A handwritten signature in black ink that reads "C. Donald Combs".

C. Donald Combs, PhD, FSSH
Vice President and Dean
School of Health Professions

Program Directors



Art Therapy & Counseling, MS

Mary Roberts, PhD, LPC-ACS,
ATR-BC, ATCS



Biomedical Sciences, PhD/ Biomedical Sciences Research, MS

David A. Taylor-Fishwick PhD



Clinical Psychology, PhD

Jennifer Flaherty, PhD



Contemporary Human Anatomy, MS

Marta Ambrozewicz, MD, PhD



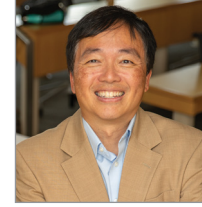
Doctor of Medical Science, DMSc

Kimberly K. Dempsey, EdD,
PA-C, DFAAPA



Health Sciences, DHSc

Gregory Scott, Ph.D., MHA,
CMRP, FAHRMM



Healthcare Administration, MHA

Glenn A. Yap, PhD, MBA, MS



Histotechnology, MS

Jorge Jacot, PhD



Laboratory Animal Science, MS

Alireza Hosseini, MD



Master of Public Health

Brian Martin, PhD, MBA



Master of Surgical Assisting

R. Clinton Crews, MPH



Medical and Health Professions Education Programs

Peggy Gesing, PhD



Medical Master's

Deborah Damon, PhD



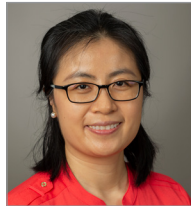
Pathologists' Assistant, MHS

Jorge Jacot, PhD



Physician Assistant, MPA

Kimberly K. Dempsey, EdD,
PA-C, DFAAPA



Reproductive Clinical Science MS/Reproductive Clinical Science, PhD

Liang Yu, PhD

Curriculum Advisory Committee

Amanda Burbage, PhD

Medical and Health Professions Education

Prachi Chavan, MD, PhD, MPH

Master of Public Health

Angela Conrad, MPA, PA-C

Physician Assistant, MPA

LaTonya Hughes, PhD, MSN, RN, LNHA

Master of Healthcare Administration

Jorge Jacot, PhD, MS — Chair

Pathology and Anatomy

Shirlwin Watkins, MEd — Committee Manager

Master of Public Health

Promotion Advisory Committee

Brian Martin, PhD, MBA — Chair

Master of Public Health

Deborah Damon, PhD

Medical Master's

Kimberly Dempsey, EdD, PA-C, DFAAPA

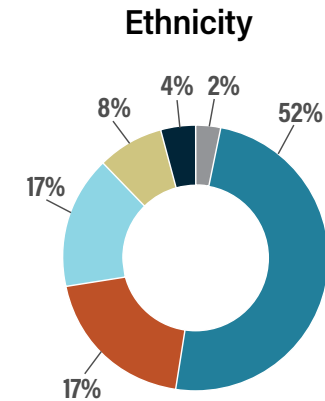
Physician Assistant, MPA

Mary Roberts, PhD, LPC-ACS, ATR-BC, ATCS

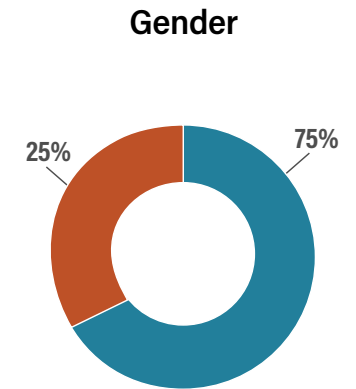
Art Therapy and Counseling, MS

Incoming Class Statistics

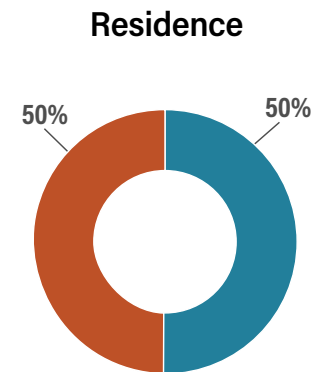
PROGRAM	Average UGPA	Average GRD GPA
Art Therapy & Counseling, MS	3.53	
Biomedical Sciences, PhD	3.35	3.7
Biomedical Sciences Research, MS	3.57	
Contemporary Human Anatomy, MS	3.30	
<i>Anatomy Certificate</i>	2.83	
Doctor of Health Sciences	2.94	3.62
Doctor of Medical Science	3.16	3.52
Doctoral Program in Medical and Health Professions Education	3.16	3.71
Healthcare Administration, MHA	3.07	3.51
Healthcare Analytics, MHCA	3.11	3.89
Healthcare Delivery Science, MHDS	3.16	
Laboratory Animal Science, MS	2.68	
Medical & Health Professions Education	3.98	3.75
Medical Master's, MS (1 Year)	3.32	3.42
Medical Master's, MS (2 Year)	3.34	2.45
Pathologist' Assistant, MHS	3.48	3.59
Physician Assistant, MPA	3.33	3.6
Public Health, MPH	2.91	3.64
Reproductive Clinical Science, MS	3.1	3.77
Reproductive Clinical Science, PhD	3.23	3.78
Surgical Assisting, MS	3.14	3.1



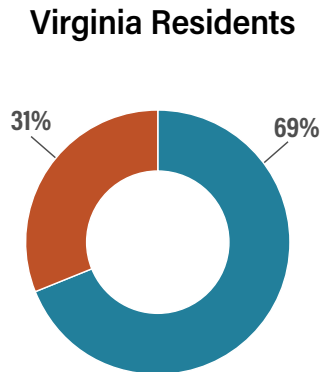
■ 52% = White
 ■ 17% = Black
 ■ 17% = Asian
 ■ 8% = Hispanic
 ■ 4% = No Response
 ■ 2% = Other



■ 75% = Female
 ■ 25% = Male



■ 50% = Out-of-State
 ■ 50% = In-State



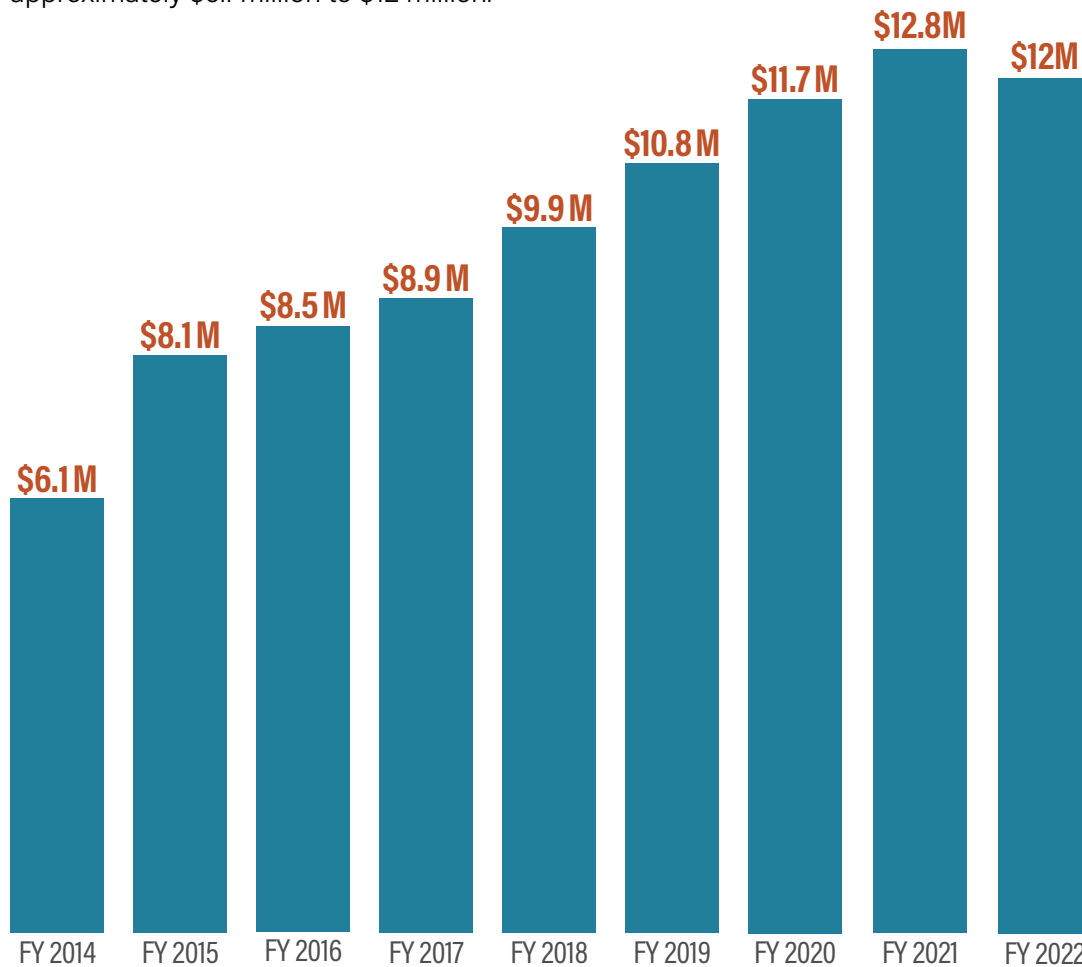
■ 69% = Hampton Roads
 ■ 31% = Other

New Students and Total Enrollment

PROGRAM	START DATE	APPLICANTS	OFFERS	NEW STUDENTS
Art Therapy & Counseling, MS	August	30	20	11
Biomedical Sciences, PhD	August	18	4	1
Biomedical Sciences Research, MS	August	22	12	7
Contemporary Human Anatomy, MHS	June	8	7	4
<i>Anatomy Certificate</i>	June	3	3	3
Doctor of Health Sciences, DHSc	August	43	31	23
Doctor of Medical Science, DMSc	May	6	6	5
Doctoral Program in Medical and Health Professions Education	Jan/August	17	10	10
Healthcare Administration, MHA	August	5	5	4
Healthcare Analytics, MHCA	August	5	5	4
<i>Graduate Certificate in Healthcare Analytics</i>	August	0	0	0
Histotechnology, MS	August	5	3	3
Laboratory Animal Science, MS	August	7	7	5
Master of Public Health	August	68	57	42
<i>Core Public Health Certificate</i>	Year-round	2	0	0
<i>Epidemiology Certificate</i>	Year-round	3	2	1
<i>Health Care Management Certificate</i>	Year-round	1	1	1
Master of Surgical Assisting	August	35	29	25
Medical and Health Professions Education, MMHPE	August	2	2	1
<i>Medical and Health Professions Education - Teaching Certificate</i>	August	2	2	2
<i>Medical and Health Professions Education - Certificate in Scholarship</i>	August	1	1	1
Medical Master's, MS (1 Year)	August	217	98	52
Medical Master's, MS (2 Year)	August	101	28	16
Pathologists' Assistant, MS	August	36	24	23
Physician Assistant, MPA	January	1,364	90	80
Reproductive Clinical Science, MS	May	36	34	24
Reproductive Clinical Science, PhD	August	13	10	10
<i>Embryology Certificate</i>	August	4	4	3
2022 HP TOTAL		2,054	495	361

Financial Information

In addition to strengthening the EVMS educational mission by managing more than 20 educational programs and establishing new programs, the SHP makes a significant contribution to the institutional core budget. As depicted in the bar chart, the SHP net excess increased substantially between FY2014 and FY2022 from approximately \$6.1 million to \$12 million.



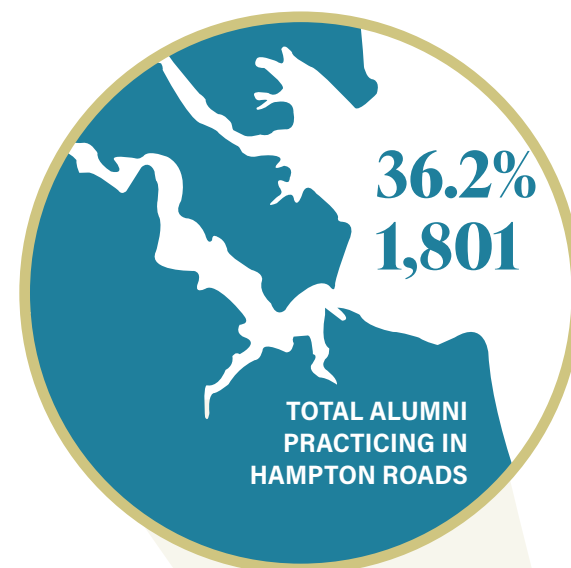
Alumni Place of Residence



EDUCATION TYPE	HAMPTON ROADS	VIRGINIA	OUT OF STATE	TOTAL
Art Therapy & Counseling, MS	117	197	236	433
<i>Art Therapy Certificate</i>	4	6	0	6
Biomedical Sciences Research, MS	42	53	35	88
Biomedical Sciences, PhD	39	47	55	102
Biotechnology, MS	9	13	6	19
Clinical Psychology, PhD	3	7	6	13
Clinical Psychology, PsyD	40	77	123	200
Contemporary Human Anatomy, MS	29	41	18	59
<i>Anatomy Certificate</i>	7	12	4	16
Health Sciences, DHSc	34	51	50	101
Healthcare Administration, MHA	3	3	0	3
Healthcare Analytics, MHCA	9	9	2	11
<i>Healthcare Analytics Certificate</i>	2	3	1	4
Healthcare Delivery Science, MHDS	9	14	1	15
Histotechnology, MS	1	1	1	2
Laboratory Animal Science, MS	1	6	56	62
Master of Public Health	363	532	234	766
<i>Core Public Health Certificate</i>	23	33	13	46
<i>Epidemiology Certificate</i>	5	10	4	14
<i>Health Care Management Certificate</i>	3	3	3	6

(Alumni Place of Residence continued)

EDUCATION TYPE	HAMPTON ROADS	VIRGINIA	OUT OF STATE	TOTAL
<i>Pediatric Public Health Leadership Certificate</i>	4	10	18	28
Master of Surgical Assisting	84	125	63	188
<i>Surgical Assistant Graduate Certificate</i>	96	114	70	184
<i>Surgical Assisting, MSA Bridge</i>	9	12	4	16
Medical and Health Professions Education, MMHPE	11	15	10	25
<i>Scholarship Certificate (MHPE)</i>	1	1	0	1
<i>Teaching Certificate (MHPE)</i>	2	2	1	3
Medical and Health Professions Education, PhD	1	1	0	1
Medical Master's, MS (1 year)	259	398	369	767
Medical Master's, MS (2 year)	34	54	34	88
Ophthalmic Technology	21	31	16	47
Pathologists' Assistant, MHS	19	32	44	76
Physician Assistant, MPA	483	681	565	1,246
<i>Emergency Medicine Physician Assistant Post Graduate</i>	14	16	7	23
<i>Fellowship in Physician Assistant Pediatric Urgent Care</i>	5	6	1	7
Reproductive Clinical Science, MS	15	31	274	305
<i>Clinical Embryology Certificate</i>	0	0	0	0
Reproductive Clinical Science, PhD	0	0	4	4
TOTALS	1,801	2,647	2,328	4,975



46.8%
2,328

TOTAL ALUMNI
PRACTICING OUT
OF STATE

53.2%
2,647

TOTAL ALUMNI
PRACTICING IN
VIRGINIA

2022 Awards & Special Recognition

The Award for Excellence in the Pathologists' Assistant Program is presented annually to the graduating student who has distinguished themselves with the highest performance in the Pathologists' Assistant program.

Elizabeth Marie Lilliston

The David E. Scott, PhD, Award honors Dr. David E. Scott, from EVMS Pathology, who as a non-Physician Assistant provided instruction and support to the program since its inception in 1999. It is awarded annually by the Master of Physician Assistant program in Dr. Scott's memory to a non-Physician Assistant who has had an enduring impact on the growth, maturation and ongoing excellence of the PA program.

Tiffany Smith

The Eugene Stead Jr., MD, Award honors the founder of the Physician Assistant profession, who started the first Physician Assistant program at Duke University in 1965. It is awarded to the graduating Physician Assistant student who best exemplifies the profession's ideals of courage, humility and wisdom when applying technical skills, scientific knowledge and human understanding to the care of the suffering.

Amanda L. Myrick

The EVMS Alumni Association HP Student Service Award is awarded annually to the graduating health professions student who

demonstrates academic achievement as well as outstanding service to the class and Eastern Virginia Medical School.

Catherine Lindsey McCrary

The EVMS School of Health Professions Award for Community Service is presented annually by the Student Government Association and recognizes a graduating health professions student who demonstrates personal commitment to community service through his or her volunteer participation in EVMS outreach or other initiatives in Hampton Roads and beyond. The recipient of this award will have made a significant contribution to benefit the community, organization or people served.

Briana Grier

The EVMS Student Government Association HP Leadership Award is awarded annually to a graduating health professions student who has demonstrated significant achievement in leadership.

Ashton C.L. Dear-Huffman

The Gary Dean Hodgen, PhD, Award for Excellence in Reproductive Clinical Science is given to a graduating student who has demonstrated excellence in research techniques and discovery.

Robin F. Hills

The Georgeanna Seegar Jones, MD, Award for Academic Achievement in Reproductive Clinical Science is given annually to an outstanding graduating student from the Master of Reproductive Clinical Science program in recognition of academic excellence.

This award was created in memory of Dr. Jones and her innumerable contributions to the diagnosis and treatment of infertility.

**Rachel E. Siegrist
Honey Tavanasefat**

The PAragon Award is presented annually to a graduating Physician Assistant student who best excels in supervised clinical practice by increasing his or her knowledge base, clinical skills, competency and medical artistry.

Alicia Marie Yates

The Physician Assistant Preceptor of the Year Award is awarded by the graduating Physician Assistant class. This individual is selected for excellence in clinical teaching and mentoring.

Daniel P. Mulcrone, MD

The Surgical Assisting Anatomy Award is presented annually to a member of the graduating Master of Surgical Assisting class for academic performance of Clinical Oriented Anatomy.

Autumn L. Rumley

(Awards and Special Recognition continued)

The Surgical Assisting Faculty Award is presented annually to a faculty member for outstanding service during the didactic year.

Karen Owen, CSA, RSA, LSA

The Surgical Assisting Preceptor Award is presented annually to a preceptor for outstanding service during the clinical year.

Laura Hadley, CSA, RSA

The Timothy J. Bos Memorial Award in Biomedical Sciences annually recognizes a graduating student from the Master of Biomedical Sciences Program who performed their research in the fields of Microbiology and/or Cancer Biology, who demonstrated outstanding scholastic achievement and exemplified the principles of collegiality and integrity. The award was established in memory of a faculty member in EVMS Microbiology and Molecular Cell Biology who dedicated his life to the training of students and research at the intersection of Microbiology and Cancer Biology.

Katherine Elisabeth Routon



Research Grants & Contracts

C. Donald Combs, PhD FSSH

\$927,000

EVMS Digital Patient Project
Hampton Roads Biomedical Research Consortium
Project Director

\$595,612

Research in Medical Modeling and Simulation
Commonwealth of Virginia
Project Director

\$111,000

Eastern Virginia Area Health Education Center Program
Virginia Health Workforce Development Authority
Project Director

LaTonya D. Hughes, PhD, RN, LNHA

\$75,000

Promote and support the health and wellness of older adults living on the Peninsula, and to provide important "hands-on" clinical and therapeutic communication skills for undergraduate students with a major in nursing and a minor in gerontology attending the Hampton University School of Nursing. Bank of America - 2-year grant
Principal Investigator/Project Coordinator

\$650,000

Reduce challenging behaviors in nursing home residents during pandemics and disasters.
CDC/Commonwealth Strike Team - 2-year grant
Statistical Collaborator

Brian C. Martin, PhD, MBA

\$18,000 per year

EVMS School of Health Professions International Health Exchange Program
Principal Investigator, 2016-present.

\$148,700

Location Intelligence Food for Life (LIFE): A Foundation for Improving Access to Healthy Food Choices in Hampton Roads, 2021-2022
Hampton Roads Biomedical Research Consortium, Collaborator Research Fund
Co-Investigator

Mohan D. Pant, PhD, PStat

\$800,000

Understanding, Improving & Tracking of Diabetes Care in the Western Tidewater Region of Virginia
EVMS Internal Grant
Co-Investigator, 2022-2025

\$200,000

Pathogenic Determinant Analysis of Community Associated Staphylococcus aureus in South Eastern Virginia
Commonwealth Health Research Board (CHRB) Grant
Co-Investigator, 2022-2024

Megan Taliaferro, DVM

\$143,000

G3 Innovation Grant
Granted by the Commonwealth of Virginia for the expansion of academic programs at Tidewater Community College to address urgent labor needs in the veterinary health care field.
Virginia Community College System Project Director

Glenn A. Yap, PhD, MBA, MS

\$50,000

"Expanding Community-engaged Research in True Partnership with Communities."
ONE School of Public Health Initiative Principal Investigator

\$1,179,590

Addressing Low-Income Housing Resident Mistrust in COVID-19 Guidance
National Institutes of Health - 3 Year Supplemental Grant
Co-Investigator



Presentations

Amanda Burbage, PhD

Association of American Medical Colleges

Implementation of Appreciation, Recognition and Celebration Activities During a Pandemic as an Approach to Continued Faculty Engagement. Taylor-Fishwick, J., & **Burbage, A. K.** Paper presentation GFA; 07/2022

Aditya Chakraborty, PhD

Oral Presentation: "A Simulation based Empirical Bayesian Approach for Breast Cancer Patients" at *International Conference on Research in Applied Mathematics and Computer Science* (organized by Université Hassan II de Casablanca, Morocco), March 2022

Prachi P. Chavan, MD, PhD, MPH

Poster presentation on 'Risk of Adolescent Tobacco Use Reduced by Adult Mentorship,' APHA Conference Annual Meeting & Expo, Boston, MA on November 8, 2022

Kristine Coleman, PhD

Coleman K, Houser LM. Observational learning facilitates positive reinforcement training in rhesus macaques. IPS, Quito, Ecuador 2022

Heagerty A, Berg M, **Coleman K**. Nighttime behavior of paired rhesus macaques (*Macaca mulatta*). ASP, Denver, CO 2022

Janavaris M, Bader LA, Hansen JJ, Bödvarsdottir TB, Zweig R, **Coleman K**, Kievit P. A case study of L-Tryptophan supplementation to reduce aggression in a socially-housed male cynomolgus macaque. ASP, Denver, CO 2022

Maier A, Sparks T, Janavaris M, **Coleman K**. Use of positive reinforcement training to reduce feces painting in rhesus macaques. ASP, Denver, CO 2022

Houser L, Johnston K, Kolwitz B, **Coleman K**, Hanna C. Utilizing the closed box chair for unsedated ultrasounds in rhesus macaques. ASP, Denver, CO 2022

Houser L, Kolwitz B, Stull C, Sidener H, Fischer M, Barber-Axthelm A, Smedley J, Shelton J, Hessel A, Ordonez T, Pandey S, **Coleman K**, Haigwood N. Refinements to nursery practices for infant rhesus macaques. Annual Symposium on Nonhuman Primate Models for AIDS, Portland, OR 2022

Hasenau J, Meunier LD, **Coleman K**, Bloomsmith MA. Performance Based Outcomes for Housing Space Study Designs (Roundtable Discussion). Association of Primate Veterinarians Annual Workshop, Lexington, KY 2022.

Coleman K, Stull C, Heagerty A. Video conference technology as a tool for pair introduction in rhesus macaques. AALAS, Louisville, KY 2022

Houser LA, Johnston K, Kowlitz B, Hanna C, **Coleman K**. The closed box chair as a refinement for restraint in rhesus macaques. NC3Rs Primate Welfare Meeting, London UK, 2022 (virtual presentation)

C. Donald Combs, PhD FSSH

Invited Presentations

Combs, C.D. Workshop Presentation. The Digital Patient – Human Digital Twins and Intelligent Agents. Multi-Agent Research and Simulation (MARS) Laboratory, Department of Computer Science, Hamburg University of Applied Sciences, Hamburg, Germany. June 17, 2022.

Combs, C.D. Keynote Address. Implications of Nanotechnologies for Healthcare Modeling and Simulation. GSENN2022: The 2nd Global Summit and Expo on Nanotechnology and Nanomaterials, Copenhagen, Denmark. June 14, 2022.

Combs, C.D. Keynote Address. The Digital Patient and The Digital Neighborhood: Implications for Modeling and Simulation in Healthcare. ACM SIGSIM Conference on Principles of Advanced Discrete Simulation (PADS), Suffolk, VA. May 31 – June 1, 2022.

Combs, C.D. Visiting Lecturer. The Digital Patient Project. Distributed Data Intelligence and Technologies Laboratory, Department of Information Engineering (DINFO), University of Florence, Florence, Italy. May 24, 2022.

Combs, C.D. Seminar. Developing the Digital Patient in 2022 and Beyond. Sapienza University of Rome, Rome, Italy. May 18, 2022.

Invited Panel Participant

Chair. *Federal Fiscal Year 2022 U.S. Department of Defense, U.S. Army Medical Research and Materiel Command (MRMC), Medical Simulation and Information Services Online Peer Review Panel.* A panel that evaluates the research and development of medical simulation and information services for the U.S. military by reviewing research and development proposals.

Kimberly Dempsey, EdD, MPA, PA-C, DFAAPA

Invited Presentations (Peer Reviewed)

American Academy of Physician Assistants Annual Conference. *Clinical Advances in the Management of Atopic Dermatitis and Alopecia Areata for PAs and NPs*, May 21, 2022, Indianapolis, IN.

(Presentations continued)

Online/Web-based Educational Activities

Dempsey, K., Nagy, T., & Pansch, L. 2022. *Clinical Advances in the Management of Atopic Dermatitis and Alopecia Areata for PAs and NPs*. American Academy of Physician Assistants Learning Central.

Peggy Gesing, PhD

Peer Reviewed Presentations

American Educational Research Association (AERA) Annual Meeting
Lynch, R.J., **Gesing, P.**, & Cruz, N. *International student trauma exposure response & help seeking during the COVID-19 pandemic*. Round Table Presentation. San Diego, CA; April 2022

Morgan State University School of Education and Urban Studies Research Series. Invited Virtual Presentation. **Gesing, P.** Study abroad and social mobility: Access and labor market inequality in a post-COVID-19 world. April 2022

LaTonya D. Hughes, PhD, RN, LNHA

National Long-term Care Administrator Board (NAB) CE Sponsor Webinar Training Presentations (2022)

- The Person-centered Care Approach
- Avoiding the Top 10 Survey Deficiencies
- Conquering Staff Burnout
- Surviving Survey: The Surveyor's Perception

The State of Black Women In Healthcare Panelist (2022)

Mohammad (Ebbie) Ebrahimi Kalan, PhD, MS, MSc

High on Hookah: Smoking marijuana from a hookah among adults in the US. 2022 The Union World Conference on Lung Health (Virtual). International Union Against Tuberculosis and Lung Disease.

Mary Roberts, PhD, LPCACS, ATR-BC, ATCS

West, T. & **Roberts, M.** (2022, June). *Supporting Art Therapy Training: Innovations in SP Simulation*. Association of Standardized Patient Educators 2022. Association of Standardized Patient Educators Annual Conference, New Orleans, LA.

Dan Thibodeau, MPH, DHSc, PA-C, DFAAPA

Optimizing HFpEF Management: The Latest Advances from Diagnosis to Treatment. Practicing Clinicians Exchange Primary Care Symposium, Tampa, FL June 25, 2022

Online/Web-based Educational Activities

Web CME Presentations: Herber, A (moderator), **Thibodeau, D.**, Buchs, S. (2022). *Focused Clinical Pathways to Improve Management of Patients with Heart Failure*. American Academy of Physician Assistants Learning Central





(Presentations continued)

Web CME Presentation: Ruff, Christian MD, **Thibodeau, D** (2022). *Weighing in on Optimal Management of VTE in Patients with Obesity*. Practicing Clinicians Exchange.

Web CME Presentation: Ruff, Christian MD, **Thibodeau, D** (2022). *Preventing Recurrent VTE in Persons with Obesity*. Practicing Clinicians Exchange.

Web CME Presentations: Herber, A (moderator), **Thibodeau, D** and Le, Viet. (2022). *Dyslipidemia Management: Opportunities to Improve Patient Care*. American Academy of Physician Assistants Learning Central.

Glenn Yap, PhD, MBA, MS

Glenn Yap, PhD, MBA, MS, Kristin Moore, MPH, Matthew Herman, MPH, Jessica Meadows, MPH & Andrew Plunk, PhD. "How Regional Public Housing Authorities Responded Organizationally to the Impact of the COVID-19 Pandemic to Maintain Services to Meet the Needs of their Residents/Clients: Best Practices and Lessons Learned" APHA 2022 Annual Meeting and Expo Roundtable Discussion

Publications

Amanda Burbage, PhD

Burbage, A. K., & Adams, G. A. (2022). Systematic website review of diversity embeddedness in U.S.-based graduate health professions education programs. *Health Professions Education*. 8(2), 50-56.

Burbage, A. K., & Gregory, K. H. (2022). A co-mentoring model for women in faculty development leadership. *The Journal of Faculty Development*, 36(3), 33-40.

Burbage, A. K., & Glass, C. R. (2022). The Evolving Identities of HSI and Differentiated Funding. *Educational Policy*. Vol. ahead-of-print No. (ahead-of-print).

Gesing, P., Pant, M., & **Burbage, A. K.** (2022). Health occupations career outcomes: Intersections of race, gender, and first-generation status. *Advances in Health Sciences Education*, 28, 223-241. doi: 10.1007/s10459-022-10154-2.

Jia, Y., Gesing, P., Jun, H.J., **Burbage, A. K.,** Hoang, T.T., Kulo, V. Cestone, C., McBrian, S.B., & Tornwall, J. (2022). Exploring the impacts of learning modality changes: Validation of the Learning Modality Change Community of Inquiry and Self-Efficacy Scales. *Education and Information Technologies*, 28, 1763-1781. doi: 10.1007/s10639-022-11258-3.

Aditya Chakraborty, PhD

"An AI-driven Predictive Model for Pancreatic Cancer Patients Using Extreme Gradient Boosting" *Journal of Statistical Theory & Application* (under review).

Kristine Coleman, PhD

Janavaris M, Bader L, Hansen JJ, Bödvarsdóttir TB, **Coleman K,** Kievit P. 2022. Bedding as an enrichment strategy in group housed Mauritian cynomolgus macaques (*Macaca fascicularis*). *Journal of the American Association for Laboratory Animal Science*, 61(2):159-164.

Lutz CK, **Coleman K,** Hopper LM, Novak MA, Perlman JE, Pomerantz O. 2022. Nonhuman primate abnormal behavior: Etiology, assessment, and treatment. *American Journal of Primatology*, 2022; e23380.

Pomerantz O, Baker KC, Bellanca RU, Bloomsmith MA, **Coleman K,** Hutchinson EK, Pierre PJ, Weed JL & National Primate Research Center's Behavioral Management Consortium. 2022. Improving transparency- A call to include social housing information in biomedical research articles involving nonhuman primates. *American Journal of Primatology*, e23378. <https://doi.org/10.1002/ajp.23378>

Stull C, Heagerty A, **Coleman K.** 2022. Utilizing video conference technology as a tool for pair introduction for rhesus macaques. *Animals*, 12(4), 1783; <https://doi.org/10.3390/ani12141783>

Yao Y, Bala P, Mohan A, Bliss-Moreau E, **Coleman K,** Freeman SM, Machado CJ, Raper J, Zimmermann J, Hayden BY, Park HS. 2022. OpenMonkeyChallenge: Dataset and Benchmark Challenges for Pose Estimation of Non-human Primates. *International Journal of Computer Vision*, 16:1-6.

C. Donald Combs, PhD FSSH

Patel, S., Ranathunge, C., Pinky, L., Nyalwidhe, J.O., Semmes, O.J., Armstrong, R.K., and **Combs, C.D.** "Promor App: A web application for label free quantification (LFQ) proteomics data analysis and predictive modeling," 2022 IEEE International Conference on Bioinformatics and Biomedicine (BIBM), Las Vegas, NV, USA, 2022, pp. 3864-3866, doi: 10.1109/BIBM55620.2022.9995277.

Peggy Gesing, PhD

Gesing, P., Pant, M, & Burbage, A. (2022) Health occupations career outcomes: Intersections of race, gender, and first-generation status. *Advances in Health Sciences Education*. 28(1) 223-241. doi: 10.1007/s10459-022-10154-2.

Jia, Y., **Gesing, P.,** Jun, H.J., Hoang, T.T., Kulo, V. Cestone, C., McBrian, S.B., & Tornwall, J. (2022). Exploring the impacts of learning modality changes: Validation of the Learning Modality Change Community of Inquiry and Self-Efficacy Scales. *Education and Information Technologies*. doi: 10.1007/s10639-022-11258-3.

Amy Fantaskey, MD

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