



CHAI@VCUHealth.org www.CHAI.VCU.edu (804) 827-7297

Center for Human-Animal Interaction Virginia Commonwealth University VCU Box 980710 Richmond, VA 23298 2024





About CHAI

The Center for Human-Animal Interaction (CHAI) is a 501 (c)(3) charity that is stewarded through the Medical College of Virginia Foundation (assessed by Charity Navigator to be 97%, 4-out-of-4 stars). CHAI is generously housed within West Hospital by the Psychiatry Department of Virginia Commonwealth University's School of Medicine. Many of CHAI's staff and executive committee members are VCU professors and professionals with a passion for animals and the benefits of human-animal interaction, but CHAI includes a large number of dedicated volunteers most of whom are involved in the delivery of our Dogs on Call program.

VISION AND HOW WE ACHIEVE IT





Improving health and well being through human-animal interaction.

To achieve this mission...

Our research goal is to increase knowledge of the benefits of the human-animal interaction through interdisciplinary research.

Our clinical goal is to enhance health and wellbeing for patients and other members of our community through animal-assisted interventions.

Our educational goal is to improve understanding of the benefits of the human-animal interaction.

2024 *EXECUTIVE COMMITTEE*



NANCY GEE, PHD, C-AISS
CHAI Executive Committee Chair
Professor of Psychiatry, VCU School of Medicine
Bill Balaban Chair in Human-Animal Interaction
President and Fellow, International Society for Anthrozoology
Director, Center for Human-Animal Interaction



CARISSA D. ETTERS, BS CHAI Executive Committee Member Associate Vice President, VCU Health Enterprise Communications



SHARON ALEXANDER, MPA
CHAI Executive Committee Member
Director of Workforce Initiatives,
Virginia Hospital and Healthcare Association



SUSAN KORNSTEIN, MD
CHAI Executive Committee Member
Professor of Psychiatry and Obstetrics & Gynecology,
VCU School of Medicine
Executive Director, VCU Institute for Women's Health



JEAN BAILEY, PHD CHAI Executive Committee Member Associate Professor/Dean of Faculty Affairs, VCU School of Medicine



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NATHAN CUNNINGHAM, MPH CHAI Executive Committee Member Associate Vice President of Patient Experience, VCU Health



GARY SOUTHARD JR., MBA CHAI Executive Committee Member Senior Administrator, VCU Health



MARJOLEIN DE WIT, MD, MS CHAI Executive Committee Member Professor of Internal Medicine, VCU School of Medicine



SUZANNE WEAVER, MS
CHAI Executive Committee Member
Director of Operations and Wellness for Employee Health,
VCU and VCU Health

2024 RESEARCH AFFILIATES

Randolph T. Barker, PhD, Professor Emeritus of Business, VCU Sandra B. Barker, PhD, NCC, LPC, Professor Emeritus of Psychiatry, VCU Gonzalo M.L. Bearman, MD, MPH, FACP, FSHEA, FIDSA, Professor of Medicine, Chair of the Division of Infectious Diseases, Richard P. Wenzel Professor of Internal Medicine, VCU James Bjork, PhD, Associate Professor of Psychiatry, Institute for Drug and Alcohol Studies, VCU James Bjork, PhD, Associate Professor, Institute for Drug and Alcohol Studies, VCU Pamela Dillon, PharmD, Clinical Assistant Professor of Pharmacy, Research Liaison, Jeffrey D. Green, PhD, Professor of Psychology, VCU Lance J. Hampton, MD, Professor of Medicine Surgery, Urology Chair and Director of Robotic Surgery, VCU Susan Kornstein, PhD, Professor of Psychiatry and Obstetrics & Gynecology, VCU School of Medicine, Executive Director, VCU Institute for Women's Health Ashlee R. Loughan, M.Ed., PhD, Associate Professor of Neurology, VCU Gretchen N. McCandless-Neigh, PhD, Professor of Anatomy, VCU Shelby E. McDonald, PhD, Associate Professor of Social Work, Sarama Bliss Endowed Chair in Human-Animal Interaction, Colorado State University Lisa Townsend, LCSW, PhD, Associate Professor of Pediatrics and Psychiatry, VCU



Nancy Gee, Ph.D., C-AISS

Professor of Psychiatry, VCU School of Medicine Bill Balaban Chair in Human-Animal Interaction President and Fellow, International Society for Anthrozoology Director, Center for Human-Animal Interaction

Once again it gives me great pleasure to share in this report the achievements of the Center for Human-Animal Interaction over the past year. We have been productive and impactful in a variety of ways. All three of our grant-funded randomized clinical trials completed intervention data collection in 2024. One of our studies has already produced a peer-reviewed publication of impressive results in the high impact factor journal Innovation in Aging. We have and will continue to publish our results and present them at international conferences. This year we have provided some unique educational opportunities for VCU and international students, and our Dogs on Call program continues to expand and meet an ever-increasing need throughout the VCU Health System. Our research provides an evidence base supporting the efficacy of our Dogs on Call program making CHAI an internationally recognized leader in the field of Human-Animal Interaction/Anthrozoology. Our work continues to receive recognition in the press, including coverage in national outlets like the New York Times, locally on CBS6, and even internationally in the Financial Times, Fortune Italia and Die Zeit. All of this has been achieved by the staff at CHAI alongside our amazing volunteers. I invite you read on below to see the details of our accomplishments in 2024.





WHO'S ON THE TEAM



LISA TOWNSEND, LCSW, PhD

ASSOCIATE PROFESSOR OF PEDIATRICS AND PSYCHIATRY, VCU SCHOOL OF MEDICINE CLINICAL AND RESEARCH ASSOCIATE



KARL DORN, MEd

PROGRAM COORDINATOR



J.T. HOSACK, MA
VOLUNTEER COORDINATOR, SENIOR

OUR *VOLUNTEERS*

CHAI's 66 volunteers (counting both Administrative Volunteers and Dogs on Call Handlers) contributed 1,746 hours of service in 2024!



Dogs on Call Volunteers

Beth & George with Maggie & Baylee Kathy with Hairy Harry Marcie with Harry Sean with Gracie Benjamin with Sadie Lauren with Darcy Gary with DeDe Paula with Otis **Emily with Matt** Ann with Booker Denice with Darcy Linda with Jag Nancy with Allie Jennifer with Snickers Brinkley with Tilly Jules with Junia

Tracy with Missy Mike & Susan with Kimchi Susie with Homer Harrison with Scout Lindsey with Molly Mike with Keegan Dana with Bailey Danessa with Dolly Parton Kristen with Poppy Simone with Captain Jack Marcia with Phoebe Crystal with Deezel Eliza with Luna Kim with Cliff & Rudee Jeanne with Zeke Brad with Teddy Carmen with Weird Alf Yank-A-Leash

Sarah with Albert Joan with Gabbi & Truvy Pam with Beckett Brenda with Leroy Ann & Bruce with Pippa, Scout, & Emma Margaret with Elsa Donna with Cassie Denise with Wiley Wayne with Maxwell Susan with Roe Katia with Kepler & Schiller Mary Lu with Healey Carol with Dunkin Karlin with Albie Bob with Louie & Remy Brian with Camryn (Cam) Cheryl with Blue Robin with Wrigley, Bear, & Yogi Kim with Callie

Administrative Volunteers

Kathy Albers Dr. Randolph T. Barker Dr. Sandra B. Barker Denice Ekey Morgan Gossman Barbara Klucik Margaret Popik Brinkley Taliaferro Ivy Worsham

Research Teams

A number of our Dogs on Call teams go above and beyond by helping CHAI conduct randomized clinical trials in the hospital to examine experimentally the impact of therapy dog visitation in a hospital setting. We are grateful for their commitment to the additional training and time commitments this work requires.

George & Beth Adams & Maggie & Baylee
Kathy Albers & Hairy Harry
Marcie Apelt & Harry
Anna Badgley & Murphy
Emily Cooley & Matt
Linda Flamm & Jag
Nancy Gee & Allie
Tracy Hartman & Missy
Susie Higbie & Homer
Simone Kschuk & Captain Jack

Marcia LaMaskin & Phoebe
Jeanne McNeill & Zeke
Margaret Popik & Elsa
Denise Russell & Wiley
Wayne Sarkees & Maxwell
Susan Sexton & Roe
Carmen Vasquez & Weird Alf Yank-A-Leash
Eliza & Luna





Dogs on Call delivers complimentary/no-cost therapy dog visits to patients, their families, and staff at VCU Health. Visits can be requested by calling (804) 827-PAWS, by emailing chai@vcuhealth.org, or by paging #6134 using a VCU Health pager. Once a request is made, this information is relayed to the Dogs on Call therapy dog teams, and at their next visit they will attempt to go to the requested location. We refer to these therapy dog visits as requested visits, but our teams do much more.

In addition to taking requests, Dogs on Call teams routinely visit a variety of areas of the hospital in which stress-relieving therapy dog visits are likely to be especially helpful. These areas include pediatric and adult cancer clinics, the burn unit, palliative care, and the staff of the emergency department. Subject to availability and upon request, Dogs on Call teams also make appearances at VCU Health events throughout the year.

The Center for Human-Animal Interaction is proud of its Dogs on Call therapy dog program and amazing volunteers that make it a reality. **Take a look at these numbers!**

Total Visits/Requests Completed



Percent of requested Visits Met + Attempted



Total Visits Completed (Requests + Visits During Rounds)



Events Attended by Dogs on Call



Hours Volunteered



Peak Dogs on Call Handlers



Our volunteers completed 226 more hours of service and 138 more visit requests in 2024 compared to the previous year!



DOGS ON CALL

ACTIVITIES & EVENTS

While Dogs on Call continues to focus on serving VCU Health patients, families, and staff, our teams also love supporting the broader VCU community. Dogs on Call teams made appearances at 61 events in 2024! Here are just a few of the highlights:

3/7	Dogs on Call Visits the Virginia State Capitol
4/11	Human-Animal Interaction in Medicine Lecture
4/14	Children's Hospital Stewardship Event at the Science Museum
5/1	Palliative Care Memorial Service
5/14	Polaroids with Pups (AOP)
9/26	Pups on the Plaza
11/2	Leukemia & Lymphoma Society Light the Night
11/14	World Diabetes Day
12/17	Ryan White Annual Children's Holiday Party

CHAI ANNUAL FUNDRAISERS

The Center for Human-Animal Interaction is sustained in no small part by the generosity of the VCU Health community. We are grateful that so many friends and allies showed their support at our fundraiser events.

Pups on the Plaza (September 26, 2024). This Block Party-like fundraiser occurred on 12th street and the plaza just outside the McGlothlin Medical Education Center. VCU police closed the street, and provided a table and McGruff the crime fighting dog made an appearance. People were dancing to music provided by DJ Woof (aka J.T. Hosack). Food & Nutrition Services donated hot dogs, chips and drinks as well as grills for us to cook and serve on location. The stars of the show were a rotating cast of more than a dozen Dogs on Call therapy dog teams. Funds were raised by selling meal tickets, t-shirts, and other Dogs on Call-themed merchandise.

Calendar Sales (November & December 2024). Our Dogs on Call calendars, presenting photos of our Dogs on Call teams in action, were once again very popular in the VCU/VCU Health community. We were able to find 29 sponsors for this year's calendar, and we have nearly sold out!

Close at Heart. Throughout the year, members of the community are able to make donations in memory of, or in honor of, a pet, pet owner, organization, or anyone who loves animals. Both the donor and the honoree or family of the honoree receive signed letters from CHAI's Director, and the honorees also have their names memorialized in the Close at Heart book that we display prominently in our main office. Donations greater than \$500 are honored with a name plate, which we post on plaques hanging in the CHAI main office. We mailed out hundreds of Close at Heart letters in 2024, with each letter individually prepared and signed.

THANK YOU to everyone who supports our mission!

CHAI

STUDENT & RESIDENT EDUCATION OPPORTUNITIES

Our educational goal is to improve understanding of the benefits of the human-animal interaction. We accomplish our mission by teaching students, engaging in public education, and sharing HAI science in news and press interviews.

Students

A number of students, both at VCU, other parts of the USA, and abroad, participated in educational experiences at The Center for Human-Animal Interaction in 2024!

Eight medical students in their fourth year (M4s) completed a 1-month elective rotation at CHAI. During their time at CHAI they split their time between working with CHAI's Director on research projects and helping with CHAI's day-to-day functioning. They supported Dogs on Call teams while in the hospital, helped prepare and distribute stuffed animals for children, and performed a variety of other mutually-beneficial tasks.

Four PhD students, 2 from the USA and 2 from Europe, worked with CHAI's Director on various research projects, dissertations, and presentations.

Mentoring

CHAI's Director also mentors other faculty from the USA and abroad; e.g., an Assistant Professor from Purdue University and a Psychiatrist from Egypt.





Randomized Control Trials (RCTs) Experiments



Journal Publications



Edited Books & Chapters



Conference Podium or Poster Presentations



Invited and Keynote Presentations

VS

2024 Journal Publications

Clements, H., Valentin, S., Jenkins, N., Rankin, J., **Gee, N. R.**, Snellgrove, D., & Sloman, K. A. (2024). Do Workplace Fish Tanks Influence Employee Wellbeing and Cognitive Performance? An Embedded Mixed-Methods Study. Anthrozoös, 37(3), 459–478. https://doi.org/10.1080/08927936.2024.2303227

Gnanadesikan, G. E., Carranza, E., King, K.M., Flyer, A.C. Ossello, G. Smith, P.G., Steklis, N.G., Steklis, H.D., Connelly, J.J., Barnett, M. **Gee, N.**, Tecot, S., MacLean, E.L. (2024). Glucocorticoid response to naturalistic interactions between children and dogs. Hormones and Behavior, 161. https://doi.org/10.1016/j.yhbeh.2024.105523

Purewal, R., Christley, R., Kordas, K., Joinson, C., Meints, K., **Gee, N. R.**, & Westgarth, C. (2024). Companion animals and child development outcomes: Longitudinal and cross-sectional analysis of a UK birth cohort study. BMC Pediatrics 24(1). http://dx.doi.org/10.1186/s12887-024-05049-7

Gee, N. R., Townsend, T., Friedmann, E., **Barker, S.**, Mueller, M. (2024). A pilot randomized controlled trial to examine the impact of a therapy dog intervention on loneliness in hospitalized older adults. Innovation in Aging. https://doi.org/10.1093/geroni/igae085

Friedmann, E., **Gee, N. R.**, Simonsick, E. M., Kitner-Triolo, M. H., Resnick, B., Gurlu, M., ... Adesanya, I. (2024). Pet Attachment and Maintenance of Physical and Cognitive Function in Community-Residing Older Adults: Evidence From the Baltimore Longitudinal Study of Aging (BLSA). Anthrozoös, 1–17. https://doi.org/10.1080/08927936.2024.2395125

Gnanadesikan, G. E., King, K., Elizabeth, C., Flyer, A. C., Ossello, G., Smith, P., Steklis, N. G., Steklis, H. D., Carter, C. S., Connelly, J. J., Barnett, M., **Gee, N.**, Tecot, S., & MacLean, E. (2024). Effects of human-animal interaction on salivary and urinary oxytocin in children and dogs. Psychoneuroendocrinology, 169. https://doi.org/10.1016/j.psyneuen.2024.107147

Townsend, L., Gee, N. R., Friedmann, E., Mueller, M. K., & **Barker, S. B.** (2024). Recruitment feasibility for a randomized controlled pilot study of animal-assisted intervention for hospitalized older adults. Journal of Ageing and Longevity, 4(4), 404-416. https://doi.org/10.3390/jal4040029



2024 Chapter Publications

Gee, N. R. (2024). Animals in education. In A. H. Fine, M. K. Mueller, Z. Y. Ng, A. M. Beck, & J. M. Peralta (Eds.) The Handbook on Human-Animal Interactions, Interventions and Anthrozoology. Routledge Press. https://doi.org/10.4324/9781032153346

Gee, N. R. (2024). Global best practices in applying AAIs: Snapshots of unique programs. In A. H. Fine, M. K. Mueller, Y. N. Zenithson, T. C. Griffin, & P. Tedeschi (Eds.), Handbook on animal-assisted therapy: Foundations and guidelines for animal-assisted interventions (6th ed., pp. 449-488). Academic Press. https://doi.org/10.1016/B978-0-443-22346-4.00028-7

Gee, N. R., & Wells, D. L. (2024). Examining the trajectory of human–animal interaction research: Past, present, and future. In A. H. Fine, M. K. Mueller, Y. N. Zenithson, T. C. Griffin, & P. Tedeschi (Eds.), Handbook on animal-assisted therapy: Foundations and guidelines for animal-assisted interventions (6th ed., pp. 83-94). Academic Press. https://doi.org/10.1016/B978-0-443-22346-4.00006-8

Gee, N. R., Fine, A. H., & Kaufmann, M. (2024). Animals in educational settings research and practice. In A. H. Fine, M. K. Mueller, Y. N. Zenithson, T. C. Griffin, & P. Tedeschi (Eds.), Handbook on animal-assisted therapy: Foundations and guidelines for animal-assisted interventions (6th ed., pp. 323-341). Academic Press. https://doi.org/10.1016/B978-0-443-22346-4.15009-7

Townsend, L.; Heatwole, J.K.; **Gee, N.R.** (2024). Reactivation of a Hospital-Based Therapy Dog Visitation Program during the COVID-19 Pandemic. In B. McGuire (Ed.), Dog-human relationships: Behavior, Physiology, and Wellbeing. (pp.235-253). Animals. (Reprinted from Reactivation of a Hospital-Based Therapy Dog Visitation Program during the COVID-19 Pandemic, 2022, Animals 2022, 12, 1842.) https://doi.org/10.3390/ani12141842

VS

2024 Conference Podium Presentation

Meints, K., Brelsford, V. L., Dimolareva, M., Marechal, L., Pennington, K., Rowan, E., & **Gee, N. R.** (2024, June). Effects of dog-assisted and relaxation interventions on self-esteem and anxiety in children with and without special educational needs: a longitudinal, randomised controlled trial. Podium presentation at the International Society for Anthrozoology Annual Conference. Hartpury, England, UK.

Friedmann, E., **Gee, N. R.**, Simonsick, E., Resnick, B., Gurlu, M., Shim, S., & Adesanya, I. (2024, November). Pet attachment and retained physical function in community residing older adult pet owners. Podium presentation to be delivered at the Gerontological Society of American Annual Conference in Seattle, WA, USA.

2024 Conference Poster Presentations

Friedmann, E., **Gee, N. R.**, Simonsick, E. M., Kitner-Triolo, M. H., Resnick, B, Gurlu, M., Shim, So., Adesanya, I., (2024, June).Relationship of Pet Attachment to Deterioration of Cognitive Function in Community Residing Older Adult Pet Owners: Evidence from the Baltimore Longitudinal Study of Aging (BLSA). Poster presentation at the International Society for Anthrozoology Conference. Hartpury, England, UK.

Townsend, L., Gee, N. R., Friedmann, E., Mueller, M., **Barker, S. B.**, (2024, June). Recruitment feasibility for a randomized controlled pilot study of animal-assisted interventions for hospitalized older adults. Poster presentation at the International Society for Anthrozoology. Hartpury, England, UK.

Gee, N. R., **Townsend, T.**, Friedmann, E., **Barker, S.**, Mueller, M. (2024, November). A pilot RCT to examine the impact of a therapy dog intervention on loneliness in hospitalized older adults. Poster presentation at the Gerontological Society of American Annual Conference in Seattle, WA, USA.



2024 Conference Proceedings:

Gee, N., Townsend, L., Friedmann, E., **Barker, S.**, & Mueller, M. (2024). A pilot RCT to examine the impact of therapy dog intervention on loneliness in hospitalized older adults. Innovation in Aging, 8(Supplement_1), 1284. https://doi.org/10.1093/geroni/igae098.4103

Friedmann, E., **Gee, N. R.**, Simonsick, E., Resnick, B., Gurlu, M., & Shim, S. (2024). Pet attachment and retained physical function in community residing older adult pet owners. Innovation in Aging, 8(Supplement_1), 360. https://doi.org/10.1093/geroni/igae098.1173

2024 Invited and Keynote Presentations

Gee, N. R. (2024, January 19). How companion animals impact human mental health [Online Lecture]. State University of New York at Buffalo Department of Psychiatry Grand Rounds. Buffalo, New York, United States.

Gee, N. R. (2024, February). How companion animals impact human mental health [Presentation]. World Veterinary Conference. Las Vegas, Nevada, United States.

Gee, N. R. (2024, April 11). HAI in Medicine [Presentation]. Virginia Commonwealth University School of Medicine. Richmond, Virginia, United States.

Gee, N. R. (2024, April 26). How companion animals impact human mental health [Presentation]. Purdue University College of Veterinary Medicine. West Lafayette, Indiana, United States.

Gee, N. R. (2024, September 17). After 30,000 Years, What Do We Know About the Human-Animal Bond [Elanco Human Animal Bond Lecture]. Purdue Veterinary Medicine Annual Conference. West Lafayette, Indiana, United States.

Gee, N. R. (2024, November). Emotional support animals: The evidence and the issues [Presentation]. Virginia Commonwealth University, School of Medicine, Department of Psychiatry Grand Rounds.Richmond, Virginia, United States.

CHAI

EXTERNALLY-FUNDED RESEARCH PROJECTS

The Center for Human-Animal Interaction creates new knowledge by conducting rigorous research. External grant funding supported three randomized-controlled trial (RCTs) examining the impacts of a therapy dog intervention on loneliness, depression, anxiety, and related health outcomes among three vulnerable inpatient populations: older adults, adults with mental illness, and children. Intervention data collection was completed for all three projects this year and publication of results has already begun! Stay tuned for more journal publications and conference presentations in the coming year.

The Center for Human-Animal Interaction is grateful to the following external funders for supporting our ongoing research:











CHAI SOCIAL MEDIA REACH





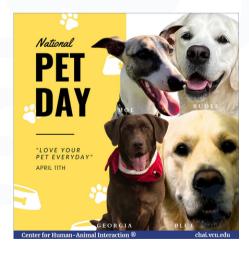




Top Posts of 2024



26 Reactions 2,906 Impressions



15 Reactions 1,164 Impressions



CHAI IN THE PRESS

CHAI faculty and programs have again garnered a steady stream of media coverage for VCU and VCU Health in 2024, locally, nationally, and internationally.

Steinberg, B. (2024, February 2). Dentist's adorable dog snuggles up to calm down anxious patients: 'He's such a good boy'. **New York Post**. https://nypost.com/2024/02/02/lifestyle/dentists-adorable-dog-snuggles-up-to-calm-down-anxious-patients-hes-such-a-good-boy/

Miles, R. (Host). (2024, February 13). The power of paws with Dr. Nancy Gee [Audio podcast episode]. **In Cade Museum Inventivity Pod**. https://cademuseum.org/podcast/the-power-of-paws-with-dr-nancy-gee/

Amin. A. (2024, February 13). Almost 70% of cats and dogs are homeless in India, new report finds. **Mint Lounge**. https://lifestyle.livemint.com/relationships/pets/cats-dogs-homeless-india-pets-animals-111707364703177.html

Bonnazzi, F. (2024 February 14). Dog Human Fitness, l'effetto di una sana relazione fra padrone e cane [Dog Human Fitness, the effect of a healthy relationship between owner and dog]. **Fortune Italia**. https://www.fortuneita.com/2024/02/14/dog-human-fitness-leffetto-di-una-sana-relazione-fra-padrone-e-cane/

Suca, J. (Host). (2024, March 5). Paw-sitive Places - Human-Animal Expert, Dr. Barker [Audio podcast episode]. **In The Power of Place**. https://www.buzzsprout.com/2282353/14609710-paw-sitive-places-human-animal-expert-dr-barker

Marsden, D. W. (2024, March 7). Thank you to the @VCU @DogsOnCall Center for Human-Animal Interaction for visiting us in the capital and brightening our day! [Tweet]. X. https://x.com/SenDaveMarsden/status/1765759929007198500

Virginia Commonwealth University Libraries [@vculibraries]. (2024, March 14). Yesterday, The Center for Human-Animal Interaction helped cure students' midterm study stress at the Health Sciences Library with their... [Instagram Post]. Instagram. https://www.instagram.com/p/C4fr6ubuco/





Cochrane, E. (2024, March 24). The dogs helping the covenant children find their way back. **New York Times**. https://www.nytimes.com/2024/03/24/us/covenant-children-dogs.html

Bradford, A. (2024, April 1). The healing power of dogs. **The Deseret Times**. https://www.deseret.com/lifestyle/2024/04/01/types-of-therapy-dogs/

Black, A. (2024, April 17). The science behind the connection between a human and a dog | Working FUR Kids. **CBS8**. https://www.cbs8.com/article/news/local/outreach/working-fur-kids/the-science-behind-the-connection-between-a-human-and-a-dog/509-c91691c5-8769-4e27-9914-c60965a8d537

Coleburn, C. (2024, April 18). Meet the golden retriever helping Richmond first graders learn to read. **WTVR CBS6**. https://www.wtvr.com/news/local-news/rudee-golden-retriever-reading-april-18-2024

Kiel, V. (2024, May 13). Ihr Kind kümmert sich dann auch um die Zecken, ja? [Your child will also take care of the ticks, right?]. **Die Zeit**. https://www.zeit.de/wissen/2024-05/haustiere-kinder-vorteile-nachteile-studien

Guyer, S. P. (2024, May 17). To be a kid again. **Virginia Living**. https://virginialiving.com/healthwellness/to-be-a-kid-again/

WTVR CBS6. (2024, May 29). Everywhere You Are: Dogs On Call [Video]. https://www.wtvr.com/on-air/virginia-this-morning/everywhere-you-are-dogs-on-call

Lærke H. N. (2024, May 31). Hund på hospitalet [Dog in the hospital]. **Aarhus University** News. https://anivet.au.dk/aktuelt/nyheder/vis/artikel/hund-paa-hospitalet

Tony Stewart Founation [@14TSF]. (2024, June 12). 2024 Grant Partner Feature: Center for Human-Animal Interaction [Tweet]. X. https://x.com/14TSF/status/1800877582356824512

FasterCapital (2024 June 13). Pet allowances: Pawsome perks: Unleashing the benefits of pet allowances. https://fastercapital.com/content/Pet-allowances--Pawsome-Perks--Unleashing-the-Benefits-of-Pet-Allowances.html





VCU Health Tappahannock Hospital introduces Dogs on Call. (2024, June 19). **News on the Neck**. https://www.newsontheneck.com/news/vcu-health-tappahannock-hospital-introduces-dogs-on-call/article_fa4a96c6-2e48-11ef-9978-7fa60f4fcb94.html

Manner, C. (2024, July 15). Smarter, calmer, healthier: The positive impact of pets. **55+ Life**. https://55pluslifemag.com/smarter-calmer-healthier-the-positive-impact-of-pets/

Stephens, M. (2024, August 1). Could dogs be the new performance-enhancing drug? **VCU Health News**. https://www.vcuhealth.org/news/could-dogs-be-the-new-performance-enhancing-drug

Waldmeir, P. (2024, August 5). Are we fooling ourselves that owning a dog is good for us? **Financial Times**. https://www.ft.com/content/9e854cf4-98ab-4d72-b161-2321835d5b3a

Doerr, K. (2024, September 13). It's Here! 2024 Purdue Veterinary Conference starts Tuesday! **Purdue University News**. https://vet.purdue.edu/news/its-here-2024-purdue-veterinary-conference-starts-tuesday.php

Doerr, K. (2024, September 27). Annual Purdue veterinary conference brings together alumni, students, staff and faculty. **Purdue University News**. https://vet.purdue.edu/news/annual-purdue-veterinary-conference-brings-together-alumni-students-staff-and-faculty.php

Curmi, A. (Host). (2024, October 17). Should we prescribe pets for mental health problems? [Audio podcast episode]. **In The Thinking Mind**. https://podcasts.apple.com/gb/podcast/e99-should-we-prescribe-pets-for-mental-health-problems/id1466932169?i=1000673504550

Riddle, K. (2024, November 4). Anxious at the Portland airport? Beni the Llama is here for you, spreading joy. **NPR**. https://www.npr.org/sections/shots-health-news/2024/11/03/nx-s1-5173755/therapy-animals-portland-airport-llama-alpaca

VCU. [@VCU]. (2024, November 7). What can we learn from pups? How to be here now, no matter how stressful it gets. Huge thank you [Instagram Post]. Instagram. https://www.instagram.com/p/DCEyCr6xc5L/

CHAI'S GRATITUDE

We are grateful to the community of people and businesses who support our mission. We would like to recognize and thank the following:

Animal Eye Care of Richmond Anonymous Supporter Mr. and Mrs. George and Beth Adams Mr. and Mrs. George and Beth Adams **Balanced Veterinary Wellness** Drs. Sandra and Randolph Barker Children's Hospital Foundation Fan Veterinary Clinic Holiday Barn Dr. David Ekey, Ms. Denice Ekey, and Darcy Mr. and Mrs. Greg and Rebecca Felton Dr. Nancy Gee and Ms. Barb Klucik Level Up Dog Sports Lucks Lane Veterinary Clinic Medical College of Virginia Foundation

Midlothian Animal Clinic The Oncology Service - Richmond Rich's Stitches Mr. Richard T. Robertson Ridge Dog Shop River City Veterinary Hospital Town & Country Veterinary Clinic Drs. Lisa Townsend and Bob Findling VCUHS Department of Pathology VCU Medical Center Auxiliary VCU School of Medicine VCU Department of Psychiatry Virginia Veterinary Medical Association Wellesley Animal Hospital

Other Program Sponsors Include



PETSMART



Children's Hospital Foundation Commonwealth of Virginia Campaign Donors PetSmart Ralph Rios, Vice-President of Support Services **Tony Stewart Foundation** VCU VCU Health VCU Department of Psychiatry VCU Medical Center Auxiliary









Center for Human-Animal Interaction

CHAI@VCUHealth.org www.CHAI.VCU.edu (804) 827-7297

Center for Human-Animal Interaction Virginia Commonwealth University VCU Box 980710 Richmond, VA 23298 2024

