

Dustin Edwards, Ph.D.

Professor and Virologist, Department of Biological Sciences, Tarleton State University, Texas A&M University System

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Appointments

POSITIONS

- 2025-present** Professor. Department of Biological Sciences, Tarleton State University
- 2020-2025** Associate Professor. Department of Biological Sciences, Tarleton State University
- 2014-2020** Assistant Professor. Department of Biological Sciences, College of Science and Technology, Tarleton State University, Stephenville, TX, Texas A&M University System. Heads: P. Sudman, Ph.D., A. Nelson, Ph.D., M. Sanderford, Ph.D., and K. Herrmann, Ph.D.
- 2013-2014** Adjunct Faculty. Undergraduate Biology Program, College of Science, George Mason University, Fairfax, VA. Director: L. Rockwood, Ph.D.
- 2009-2014** Postdoctoral Fellow. Animal Models and Retroviral Vaccines Section, Center for Cancer Research, National Cancer Institute (NCI), National Institutes of Health (NIH), Bethesda, MD. Function of HTLV-1 Orf-I-Encoded Proteins. Advisor: G. Franchini, M.D.
- 2008-2009** Postdoctoral Fellow. Virus Tumor Biology Section, Laboratory of Cellular Oncology, Center for Cancer Research, National Cancer Institute (NCI), National Institutes of Health (NIH), Bethesda, MD. Inhibition of Small GTPases in HTLV-1-Transformed Cells. Advisor: J. Brady, Ph.D. (deceased 2009)
- 2002-2008** Graduate Research Associate. Department of Molecular Virology and Microbiology, Baylor College of Medicine, Houston, TX. Regulation of the PCNA Promoter by HTLV-I Tax. Advisor: S. Marriott, Ph.D.
- 1999-2002** Microbiology Technician / Research Assistant. Iso-Tex Diagnostics, Inc., Friendswood, TX. FDA-approved injectable radiopharmaceutical developer of cancer therapeutics. Supervisor: L. Starke, Ph.D.

ADMINISTRATIVE AND LEADERSHIP

2025-present: Department Head

Department of Biological Sciences, Tarleton State University.

Leadership and personnel management:

- Oversee and mentor 11 tenure-track/tenured faculty, 12 instructional faculty, 3 adjunct faculty, 2 staff members, and 19 graduate assistants
- Supervise recruiting, hiring, evaluation, and professional development of faculty and staff

Administrative and financial oversight:

- Manage departmental budget, accounts, and expenditures
- Handle day-to-day departmental operations, including advising, orientation, tours, registration issues, and general decision-making
- Oversee program and strategic planning

Academic and program leadership:

- Lead curriculum development, program changes, and new program initiatives
- Oversee assessment and accreditation processes
- Serve on Academic Council, Department Heads Council, and other university committees

Communication:

- Serve as primary liaison with faculty, staff, administrators, and external stakeholders
- **2025** Assistant Department Head. Department of Biological Sciences, Tarleton State University

2020-2024: Senior Faculty Fellow/Asst Director of Scholar Development

Center for Educational Excellence, Tarleton State University.

Program leadership and faculty mentoring:

- Co-directed year-long Faculty Scholar Cohorts and served as primary mentor and contact for fellows
- Designed and facilitated monthly cohort meetings, peer-feedback sessions, workshops, and annual showcase
- Provided individualized coaching on IRB, research design, data analysis, abstracts, presentations, manuscripts, and tenure/promotion portfolios

Administrative and financial oversight:

- Reviewed applications and chaired review committees
- Managed onboarding, budget, scheduling, logistics, milestone tracking, and deliverables
- Collected program-evaluation data for annual reports for CEE, Provost, and SACSCOC

Institutional collaboration:

- Represented program on university committees and collaborated with CEE initiatives
- Contributed to long-term planning, resource advocacy, leadership meetings, and strategic direction

2019-present: Chair of Institutional Biosafety Committee

Tarleton State University.

Leadership and governance:

- Chair IBC meetings and ensure quorum/conflict management
- Mentor members and appoint subcommittees
- Serve as primary liaison to Division of Research and NIH OSP

Compliance and reporting:

- Ensure full NIH Guidelines compliance

- Oversee incident/violation reporting to NIH OSP
- Approve charter, policy, roster, and manual updates

Research oversight and laboratory inspections:

- Lead review/approval of research protocols
- Assign containment levels and mitigations and sign approvals
- Direct regular lab inspections and enforce corrective actions

Training and collaboration:

- Direct IBC member training
- Coordinate with IRB, IACUC, and Risk Management

Education

2008	Doctor of Philosophy (Ph.D.), Biomedical Sciences. Baylor College of Medicine, Houston, TX, Department of Molecular Virology and Microbiology. Thesis: Regulation of the PCNA Promoter by HTLV-1 Tax. Advisor: S. Marriott, Ph.D.
2001	Bachelor of Science (B.S.), Biological Sciences. University of Houston, Clear Lake, Houston, TX, School of Science and Computer Engineering. Advisor: L. Rohde, Ph.D.

Publications

1. Tamarah Lynne Adair, Swati Agrawal, Yesmi P. Ahumada-Santos, Regina Alvarez, Kirk R. Anders, Mauricio Antunes, Mary Ayuk, María Elena Báez-Flores, Dondra Bailey, Frederick N. Baliraine, Mitchell F. Balish, Christa Tobey Bancroft, Michèle Barmoy, Tonya C. Bates, Andrea Beyer, Suparna Bhalla, Dave Bollivar, Lisa M. Bono, Rebecca Bortz, Tejas Bouklas, Kristen Butela, Christine A. Byrum, Megan Carroll, Steven Michael Caruso, Nancy Castro, Kari Clase, Kristen Clermont, Sean T. Coleman, Pamela L. Connerly, Amaya M. Garcia Costas, Steven Gaines Cresawn, Tom D'Elia, Aimee Danley, Megan K. Dennis, Arturo Diaz, Erin L. Doyle, Iain Duffy, **Dustin Cole Edwards**, Elvira Eivazova, Eric Engstrom, Christy Fillman, Christine L. Fleischacker, Victoria J. Frost, Julie Torruellas Garcia, Bryan P. Gibb, Alyssa Mae Gleichsner, Sharon Gusky, Rebekah F. Hare, Danielle Heller, Lee E. Hughes, Jacob D. Kagey, Bridgette Kirkpatrick, Karen K. Klyczek, Kathryn P. Kohl, Hari Kotturi, Julia Y. Lee-Soety, Heather Lindberg, Bhaswati Manish, Sergei A. Markov, Matthew David Mastropaolo, James T. Melton, Jon Mitchell, Sally Dixon Molloy, Denise L. Monti, Tiara Perez Morales, María Alejandra Mussi, Holly Nance, Fernando Nieto, Imade Yolanda Nsa, Shallee T. Page, Ricardo Parra-Unda, Vipaporn Phuntumart, Brett E. Pickett, Richard Scott Pollenz, Sarah N. Reardon, Jessica Rocheleau, Ombeline Rossier, Naomi Smith Rowland, Adam D. Rudner, Elizabeth E. Rueschhoff, Viknesh Sivanathan, Martha Smith Caldas, C. Nicole Sunnen, Sarah J. Swerdlow, Kissaou Tchedre, Kara Thoemke, Deborah Tobiason, Sara S. Tolsma, Tara Turley-Stoulig, Quinn Vega, Patricia Waikel, Catherine Ward, Vassie C. Ware, Jackie M. Washington, Daniel Eric Westholm, Beth Wilkes, Daniel Williams, Elizabeth Williams, Ellen M. Wisner. 2026. Science communication tools: rubrics for generating posters and manuscripts that are authentic to the practice of science. *Journal of Microbiology & Biology Education* 27(1). doi:10.1128/jmbe.00313-25, PubMed 41733342

2. Subi Gandhi, **Dustin Edwards**, Keith Emmert, Bonnie Large. 2025. Exploration of Providers' Perceptions and Attitudes Toward Phage Therapy and Intentions for Future Adoption as an Alternative to Traditional Antibiotics in the US—A Cross-Sectional Study. *International Journal of Environmental Research and Public Health* 22(7):1139. doi:10.3390/ijerph22071139, PubMed 40724203
3. Amber L. Harris Bozer, Subi Gandhi, **Dustin C. Edwards**. 2025. Acceptance, perceptions, and compliance for COVID-19 vaccines among students attending a rural university: An interventional study using brief video messages. *Journal of American College Health* 73(10):4056-4070. doi:10.1080/07448481.2025.2472184
4. Joshua Hutchings, Lauren Bower, Ethan Collum, Timothy Hester, Melody Hunter, Chaney Kelly, Luke Reynolds, Cole Moore, **Dustin Edwards**. 2025. Complete genome sequence of bacteriophage Godfather isolated from *Microbacterium foliorum*. *Microbiology Resource Announcements* 14(2). doi:10.1128/mra.00888-24, PubMed 39817740
5. David Hanauer, Richard Alvey, Ping An, Christa Bancroft, Kristen Butela, Sean Coleman, Kari L. Clase, Parks Collins, Stephanie Conant, Pamela Connerly, Bernadette Connors, Megan K. Dennis, Erin L. Doyle, **Dustin Edwards**, Christy Fillman, Ann Findley, Victoria J. Frost, Maria Gainey, Urszula Golebiewska, Nancy Guild, Sharon B. Gusky, Allison Johnson, Kristen Johnson, Karen K. Klyczek, Julia Lee-Soety, Heather Lindberg, Matthew D. Mastropaolo, Julie A. Merkle, Jon Mitchell, Sally Molloy, Fernando Nieto, Jillian Nissen, Tiara Perez Morales, Nick T. Peters, Susanne P. Pfeifer, Richard Pollenz, Mary L. Preuss, Germán Rosas-Acosta, Margaret S. Saha, Amy Sprengle, C. Nicole Sunnen, Deborah Tobiason, Sara S. Tolsma, Vassie Ware, Yesmi Patricia Ahumada-Santos, Regina V. Alvarez, Justin Anderson, Mary Ayuk, María Elena Báez-Flores, Dondra Bailey, Frederick Baliraine, Elizabeth Behr, Andrea R. Beyer, Suparna Bhalla, Lisa M. Bono, Donald P. Breakwell, Christine Byrum, Iain Duffy, Alyssa Gleichsner, Melinda Harrison, Renee Ho, Lee E. Hughes, Jacob D. Kagey, Kathryn Kohl, Sean McClory, Alison Moyer, Maria A. Mussi, Holly Nance, Imade Y. Nsa, Shallee T. Page, Jesús Ricardo Parra Unda, Jessica Rocheleau, Sarah Swerdlow, Kara Thoemke, Megan S. Valentine, Quinn C. Vega, Catherine Ward, Daniel C. Williams, Ellen Wisner, William H. Biederman, Steven G. Cresawn, Mark J. Graham, Graham Hatfull, Danielle Heller, Deborah Jacobs-Sera, Denise Monti, Pushpa Ramakrishna, Daniel Russell, Viknesh Sivanathan. 2024. The professional identity of STEM faculty as instructors of course-based research experiences. *Frontiers in Education* 9. doi:10.3389/feduc.2024.1442306, PubMed 39686967

6. Denise L. Monti, Julia C. Gill, Tamarah L. Adair, Sandra D. Adams, Yesmi Patricia Ahumada-Santos, Isabel Amaya, Kirk Anders, Justin R. Anderson, Mauricio S. Antunes, Mary Ayuk, Frederick Baliraine, Tonya C. Bates, Andrea R. Beyer, Suparna Bhalla, Tejas Bouklas, Sharon K. Bullock, Kristen A. Butela, Christine Byrum, Steven M. Caruso, Rebecca Chong, Hui-Min Chung, Stephanie B. Conant, Brett Condon, Katie E. Crump, Tom D'Elia, Megan K. Dennis, Linda C. DeVeaux, Lautaro Diacovich, Arturo Diaz, Iain Duffy, **Dustin Edwards**, Patricia C. Fallest-Strobl, Ann Findley, Matthew R. Fisher, Marie P. Fogarty, Victoria Jane Frost, Maria D. Gainey, Courtney S. Galle, Bryan Gibb, Urszula Golebiewska, Hugo Gramajo, Anna S. Grinath, Jennifer Guerrero, Nancy Guild, Kathryn E. Gunn, Susan Gurney, Lee E. Hughes, Pradeepa Jayachandran, Kristen Johnson, Allison Johnson, Alison E. Kanak, Michelle L. Kanther, Rodney A. King, Kathryn Kohl, Julia Lee-Soety, Lynn O. Lewis, Heather Lindberg, Jaclyn A. Madden, Breonna J. Martin, Matthew D. Mastropaolo, Sean McClory, Evan C. Merkhofer, Julie A. Merkle, Jon Mitchell, María Alejandra Mussi, Fernando Nieto, Jillian Nissen, Imade Yolanda Nsa, Mary G. O'Donnell, R. Deborah Overath, Shallee T. Page, Andrea Panagakis, Jesús Ricardo Parra Unda, Michelle B. Pass, Tiara Perez Morales, Nick T. Peters, Ruth Plymale, Richard Pollenz, Nathan S. Reyna, Claire A. Rinehart, Jessica Rocheleau, John S. Rombold, Ombeline Rossier, Adam D. Rudner, Elizabeth E. Rueschhoff, Christopher D. Shaffer, Mary Ann V. Smith, Amy B. Sprenkle, C. Nicole Sunnen, Michael A. Thomas, Michelle M. Tigges, Deborah Tobiason, Sara Sybesma Tolsma, Julie Torruellas Garcia, Peter Uetz, Edwin Vazquez, Catherine M. Ward, Vassie C. Ware, Jacqueline M. Washington, Matthew J. Waterman, Daniel E. Westholm, Keith A. Wheaton, Simon J. White, Elizabeth C. Williams, Daniel C. Williams, Ellen M. Wisner, William H. Biederman, Steven G. Cresawn, Danielle M. Heller, Deborah Jacobs-Sera, Daniel A. Russell, Graham F. Hatfull, David J. Asai, David I. Hanauer, Mark J. Graham, Viknesh Sivanathan. 2024. An inclusive Research and Education Community (iREC) model to facilitate undergraduate science education reform. *Frontiers in Education* 9. doi:10.3389/feduc.2024.1442318, PubMed 39686966

7. Arturo Diaz, Julia Lee-Soety, Shima Chaudhary, Denise Monti, Viknesh Sivanathan, Richard Pollenz, Alison Kanak, Amy Sprenkle, Andrea Beyer, Bridgette Kirkpatrick, Carole Twichell, Christine Byrum, Deborah Tobiason, **Dustin Edwards**, Elizabeth Godin, Emily Savage, Heather Lindberg, Holly Nance, Jessica Rocheleau, Julie Garcia, Kathryn Dye, Kristen Butela, Lisa Bono, Matthew Mastropaolo, Megan Dennis, Naomi Rowland, Quinn Vega, Regina Alvarez, Rocky Ng, Ruth Plymale, Sergei Markov, Steven Caruso, Tara Stoulig, Tiara Perez, Vassie Ware, Veronique Delesalle, Adam Rudner, Beth Wilkes, Christa Bancroft, Christine Fleischacker, Eric Engstrom, Frederick Baliraine, Hari Kotturi, Jacqueline Washington, James Shanks, Lee Hughes, Matthew Fisher, Pamela Connerly, Patricia Waikel, Sarah Reardon, Sean Coleman, Shallee Page, Swati Agrawal, Tamarah Adair, Thomas Ndolo, Alexandra Jerby, Amanda Freise, Amaya Costas, Christy Fillman, Dane Bowder, Daniel Westholm, Daniel Williams, Ellen Wisner, Jennifer Guerrero, Joseph Stukey, Karen Klyczek, Kari Clase, Maria Gainey, MARY AYUK, Mauricio Antunes, Rebecca Bortz, Steven Cresawn, Suparna Bhalla, Victoria Frost, C. Sunnen, Mitchell Balish, Brett Pickett, Claire Rinehart, Luis Actis, Megan Valentine, Alyssa Gleichsner, Melissa Harrison, Jennifer Broderick, Sally Molloy, Gerry Zegers, Jared Stees, Kara Thoenke, Rodney King, Liz Williams, Jon Mitchell, John Rombold, Kissaou Tchedre, Edwin Vazquez, Sharon Gusky, Elvira Eivazova, Dominique Dotson, Alejandra Mussi, Jacob Kagey, Randy DeJong, Catherine Ward, Rebekah Hare, Kathryn Kohl, Imade Nsa, Tejas Bouklas, Sarah Tolsma, Charlotte Berkes, Melody Neely, Aimee Danley. 2024. Writing Microbiology Resource Announcements (MRA). *QUBES Educational Resources*. doi:10.25334/B5BS-F125
8. C. Pennington, E. Lang, **D. Edwards**, B. Hammack-Brown, A. Kawakami, A. Harris Bozer. 2023. A Virtual Cohort Model for Developing Faculty Scholarship in Early-Career Faculty. *NCURA Magazine* 55(6):12-13.
9. Ian Haines, Jessica Blakely, Ashley Branson, Diana Estrada, Rebeca Fernandez Robles, Katelyn Fitzgerald, Shelby Jeffers, Timyee Leung, Jasmine Munoz, Ashley Olivos, Anayeli Ramirez, Caressa Smith, Justin Spere, Idaleth Tavaréz, Isabella Wood, Ethan Zavala, Madison Arrighi, Angelica Coronel-Galindo, Megan K. Dennis, Marlee Goppert, **Dustin Edwards**. 2023. Complete genome sequence of bacteriophage MrAaronian isolated from an *Arthrobacter globiformis* culture. *Microbiology Resource Announcements* 12(12). doi:10.1128/MRA.00778-23, PubMed 37933970

10. David I. Hanauer, Tong Zhang, Mark J. Graham, Sandra D. Adams, Yesmi Patricia Ahumada-Santos, Richard M. Alvey, Mauricio S. Antunes, Mary A. Ayuk, María Elena Báez-Flores, Christa T. Bancroft, Tonya C. Bates, Meghan J. Bechman, Elizabeth Behr, Andrea R. Beyer, Rebecca L. Bortz, Dane M. Bowder, Laura A. Briggs, Victoria Brown-Kennerly, Michael A. Buckholt, Sharon K. Bullock, Kristen A. Butela, Christine A. Byrum, Steven M. Caruso, Catherine P. Chia, Rebecca A. Chong, Hui-Min Chung, Kari L. Clase, Sean T. Coleman, D. Parks Collins, Stephanie B. Conant, Brett M. Condon, Pamela L. Connerly, Bernadette J. Connors, Jennifer E. Cook-Easterwood, Katie E. Crump, Tom D'Elia, Megan K. Dennis, Linda C. DeVeaux, Lautaro Diacovich, Iain Duffy, Nicholas P. Edgington, **Dustin C. Edwards**, Tenny O. G. Egwuatu, Elvira R. Eivazova, Patricia C. Fallest-Strobl, Christy L. Fillman, Ann M. Findley, Emily Fisher, Matthew R. Fisher, Marie P. Fogarty, Amanda C. Freise, Victoria J. Frost, Maria D. Gainey, Amaya M. Garcia Costas, Atenea A. Garza, Hannah E. Gavin, Raffaella Ghittoni, Bryan Gibb, Urszula P. Golebiewska, Anna S. Grinath, Susan M. R. Gurney, Rebekah F. Hare, Steven G. Heninger, John M. Hinz, Lee E. Hughes, Pradeepa Jayachandran, Kristen C. Johnson, Allison A. Johnson, Michelle Kanther, Margaret Kenna, Bridgette L. Kirkpatrick, Karen K. Klyczek, Kathryn P. Kohl, Michael Kuchka, Amber J. LaPeruta, Julia Y. Lee-Soety, Lynn O. Lewis, Heather M. Lindberg, Jaclyn A. Madden, Sergei A. Markov, Matthew D. Mastropaolo, Vinayak Mathur, Sean P. McClory, Evan C. Merkhofer, Julie A. Merkle, Scott F. Michael, Jon C. Mitchell, Sally D. Molloy, Denise L. Monti, María Alejandra Mussi, Holly Nance, Fernando E. Nieto-Fernandez, Jillian C. Nissen, Imade Y. Nsa, Mary G. O'Donnell, Shallee T. Page, Andrea Panagakakis, Jesús Ricardo Parra-Unda, Tara A. Pelletier, Tiara G. Perez Morales, Nick T. Peters, Vipaporn Phuntumart, Richard S. Pollenz, Mary L. Preuss, David P. Puthoff, Muideen K. Raifu, Nathan S. Reyna, Claire A. Rinehart, Jessica M. Rocheleau, Ombeline Rossier, Adam D. Rudner, Elizabeth E. Rueschhoff, Amy Ryan, Sanghamitra Saha, Christopher D. Shaffer, Mary Ann V. Smith, Amy B. Sprenkle, Christy L. Strong, C. Nicole Sunnen, Brian P. Tarbox, Louise Temple, Kara R. Thoemke, Michael A. Thomas, Deborah M. Tobiasson, Sara S. Tolsma, Julie Torruellas Garcia, Megan S. Valentine, Edwin Vazquez, Robert E. Ward, Catherine M. Ward, Vassie C. Ware, Marcie H. Warner, Jacqueline M. Washington, Daniel E. Westholm, Keith A. Wheaton, Beth M. Wilkes, Elizabeth C. Williams, William H. Biederman, Steven G. Cresawn, Danielle M. Heller, Deborah Jacobs-Sera, Graham F. Hatfull, David J. Asai, Viknesh Sivanathan. 2023. Models of classroom assessment for course-based research experiences. *Frontiers in Education* 8. doi:10.3389/feduc.2023.1279921, PubMed 39687267
11. Faith Cox, Jason Hardin, Robert Dittmar, **Dustin Edwards**. 2022. Molecular Surveillance for Lymphoproliferative Disease Virus and Reticuloendotheliosis Virus in Rio Grande Wild Turkeys (*Meleagris gallopavo intermedia*) in Texas, USA. *Journal of Wildlife Diseases* 58(4). doi:10.7589/JWD-D-22-00023
12. Aurod Ounsinegad, Megan Ashcraft, Emily Bliss, Dasire Brawley, Grace Clements, Austin Densmore, Alexis Gustin, Marisol Luciano, Cole Moore, Virginia Munoz, Aryana Pernarelli, Maci Pitner, Esmae Velsen, Kara Wiggam, Marlee Goppert, **Dustin Edwards**. 2022. Complete Genome Sequence of Bacteriophage Loca, Isolated on a *Microbacterium foliorum* Culture. *Microbiology Resource Announcements* 11(10). doi:10.1128/mra.00783-22, PubMed 36066260

13. Bianca Willis, Camille Trautman, Faith Cox, Tiffany Lujan, Jason Hardin, Robert Dittmar, Camila Romano, Jeff Brady, **Dustin Edwards**. 2022. Genome Sequence of Fowlpox Virus-Integrated Reticuloendotheliosis Virus from a Rio Grande Wild Turkey (*Meleagris gallopavo intermedia*). *Microbiology Resource Announcements* 11(6). doi:10.1128/mra.00174-22, PubMed 35575555
14. Bianca Willis, Brittany Stewart, Faith Cox, Tiffany Lujan, Holly Haefele, Camila Romano, Jeff Brady, **Dustin Edwards**. 2022. Near-Complete Proviral Genome Sequence of Reticuloendotheliosis Virus Isolated from an Attwater's Prairie Chicken (*Tympanuchus cupido attwateri*). *Microbiology Resource Announcements* 11(4). doi:10.1128/mra.00173-22, PubMed 35319244
15. Skyler Adams, Gabrielle Spatz, Riley Babcock, Chloe Butler, Samantha Conger, Madison Crew, Stephanie Garcia, Joanna Gonzalez, Jocelyn Hodges, Alondra Martinez, Samuel Munoz, Chloe O'Grady, Abigail Quirl, Kristin Sefcik, Tanner Taylor, Gustavo Vazquez, Faith Cox, **Dustin Edwards**. 2022. Complete Genome Sequence of Bacteriophage Fizzles, Isolated from *Microbacterium foliorum*. *Microbiology Resource Announcements* 11(1). doi:10.1128/MRA.01077-21, PubMed 34989620
16. David I. Hanauer, Mark J. Graham, Rachel J. Arnold, Mary A. Ayuk, Mitchell F. Balish, Andrea R. Beyer, Kristen A. Butela, Christine A. Byrum, Catherine P. Chia, Hui-Min Chung, Kari L. Clase, Stephanie Conant, Roy J. Coomans, Tom D'Elia, Jason Diaz, Arturo Diaz, Jean A. Doty, Nicholas P. Edgington, **Dustin C. Edwards**, Elvira Eivazova, Christine B. Emmons, Kayla M. Fast, Emily J. Fisher, Christine L. Fleischacker, Gregory D. Frederick, Amanda C. Freise, Maria D. Gainey, Chris R. Gissendanner, Urszula P. Golebiewska, Nancy A. Guild, Heather L. Hendrickson, Christopher D. Herren, Margaret S. Hopson-Fernandes, Lee E. Hughes, Deborah Jacobs-Sera, Allison A. Johnson, Bridgette L. Kirkpatrick, Karen K. Klyczek, Ann P. Koga, Hari Kotturi, Janine LeBlanc-Straceski, Julia Y. Lee-Soety, Justin E. Leonard, Matthew D. Mastropaolo, Evan C. Merkhofer, Scott F. Michael, Jon C. Mitchell, Swarna Mohan, Denise L. Monti, Christos Noutsos, Imade Y. Nsa, Nick T. Peters, Ruth Plymale, Richard S. Pollenz, Megan L. Porter, Claire A. Rinehart, German Rosas-Acosta, Joseph F. Ross, Michael R. Rubin, Anne E. Scherer, Stephanie C. Schroeder, Christopher D. Shaffer, Amy B. Sprenkle, C. Nicole Sunnen, Sarah J. Swerdlow, Deborah Tobiason, Sara S. Tolsma, Philippos K. Tsourkas, Robert E. Ward, Vassie C. Ware, Marcie H. Warner, Jacqueline M. Washington, Kristi M. Westover, Simon J. White, JoAnn L. Whitefleet-Smith, Daniel C. Williams, Michael J. Wolyniak, Jill H. Zeilstra-Ryalls, David J. Asai, Graham F. Hatfull, Viknesh Sivanathan. 2022. Instructional Models for Course-Based Research Experience (CRE) Teaching. *CBE—Life Sciences Education* 21(1). doi:10.1187/cbe.21-03-0057, PubMed 34978921
17. Ashley Suris, Selina Alvarado, Tommy Butler, Carlos Canales, Matthew Castro, Julia Gaston, Marlee Goppert, Raylon Huckaby, Jesse Laposky, Jessica Lee, Elizabeth Mullins, Damla Ustundag, Josue Zuniga, Faith Cox, **Dustin Edwards**. 2021. Complete Genome Sequence of Bacteriophage IndyLu, Isolated from a *Microbacterium foliorum* Culture. *Microbiology Resource Announcements* 10(50). doi:10.1128/MRA.01079-21, PubMed 34913713
18. Swati Agrawal, Sara Anderson, **Dustin Edwards**, Bryan Gibb, Matthew Mastropaolo. 2021. Understanding Restriction Enzyme Digests. *QUBES Educational Resources*. doi:10.25334/8CXE-6883

19. Faith Cox, Tiffany Lujan, Matthew Bristerpostma, Rheaven Sandoval, Haze Murphy, Leah Dowell, Jaime Merrill, Julie Edwards, **Dustin Edwards**. 2021. Complete Genome Sequences of *Mycobacterium* Phages Tripl3t and Zeuska. *Microbiology Resource Announcements* 10(32). doi:10.1128/mra.00558-21, PubMed 34382828
20. Faith Cox, Josh Katuri, Megan Adams, Danielle Bachhofer, Ashleigh Cooper, Jessica Doty, Miranda Fuentes, Leeila Hanson, Travis Miller, Jonathan Musgrave, Aleksey Palumbo, Camille Trautman, Julie Edwards, **Dustin Edwards**. 2021. Complete Genome Sequence of Mycobacteriophage Joy99. *Microbiology Resource Announcements* 10(32). doi:10.1128/mra.00556-21, PubMed 34382830
21. Giovana S. Caleiro, Cristina F. Nunes, Paulo R. Urbano, Karin Kirchgatter, Jansen de Araujo, Edison Luiz Durigon, Luciano M. Thomazelli, Brittany M. Stewart, **Dustin C. Edwards**, Camila M. Romano. 2020. Detection of Reticuloendotheliosis Virus in Muscovy Ducks, Wild Turkeys, and Chickens in Brazil. *Journal of Wildlife Diseases* 56(3):631. doi:10.7589/2019-04-088
22. Tiffany Lee, Michaela Aguirre, Shey Andrews, Kayla Bahr, Abigail Ballard, Matthew Bristerpostma, Faith Cox, Leah Dowell, David Kiker, Tiffany Lujan, Stacy Luka, Abbigal Ramirez, Rheaven Sandoval, Kenneth Underhill, Haze Murphy, Cecilia Cabrera, **Dustin Edwards**. 2019. Complete Genome Sequence of Bacteriophage Finny, Isolated from a *Microbacterium foliorum* Culture. *Microbiology Resource Announcements* 8(40). doi:10.1128/mra.01039-19, PubMed 31582442
23. Travis Miller, Danielle Bachhofer, Ashleigh Cooper, Jessica Doty, Josh Katuri, Jonathan Musgrave, Aleksey Palumbo, Heidi Spann, Amanda Stone, Keith Emmert, Julie Edwards, Jesse Meik, James Pierce, **Dustin Edwards**. 2019. Complete Genome Sequence of Cluster O *Mycobacterium smegmatis* Bacteriophage Ryadel. *Microbiology Resource Announcements* 8(13). doi:10.1128/mra.01594-18, PubMed 30923246
24. Brittany Stewart, Camille Trautman, Faith Cox, Heidi Spann, Jason Hardin, Robert Dittmar, **Dustin Edwards**. 2019. Survey of Reticuloendotheliosis Virus in Wild Turkeys (*Meleagris gallopavo*) in Texas, USA. *Journal of Wildlife Diseases* 55(3):689. doi:10.7589/2018-08-187
25. Brittany Stewart, Megan Adams, Miranda Fuentes, Leeila Hanson, Esperanza Sandoval, Mario Tovar, Camille Trautman, Bianca Willis, Keith Emmert, Julie Edwards, Jesse Meik, James Pierce, **Dustin Edwards**. 2018. Complete Genome Sequence of Cluster A1 *Mycobacterium smegmatis* Bacteriophage Arlo. *Microbiology Resource Announcements* 7(16). doi:10.1128/mra.01242-18, PubMed 30533744
26. Jocelyn Turpin, Chloé Journo, Nga Ling Ko, Flore Sinet, Alexandre Carpentier, Amandine Galioot, **Dustin Edwards**, Anne-Mieke Vandamme, Louis Gazzolo, Madeleine Duc Dodon, Antoine Gessain, Fatah Kashanchi, Ivan Balansard, Romain Lacoste, Renaud Mahieux. 2015. Discovery and Characterization of Auxiliary Proteins Encoded by Type 3 Simian T-Cell Lymphotropic Viruses. *Journal of Virology* 89(2):931-951. doi:10.1128/jvi.02150-14, PubMed 25355890

27. Cynthia A. Pise-Masison, Maria Fernanda de Castro-Amarante, Yoshimi Enose-Akahata, R. Cody Buchmann, Claudio Fenizia, Robyn Washington Parks, **Dustin Edwards**, Martina Fiocchi, Luiz Carlos Alcantara, Izabela Bialuk, Jhanelle Graham, Jean-Claude Walser, Katherine McKinnon, Bernardo Galvão-Castro, Antoine Gessain, David Venzon, Steven Jacobson, Genoveffa Franchini. 2014. Co-dependence of HTLV-1 p12 and p8 Functions in Virus Persistence. *PLoS Pathogens* 10(11):e1004454. doi:10.1371/journal.ppat.1004454, PubMed 25375128
28. **Dustin Edwards**, Risaku Fukumoto, Maria Fernanda de Castro-Amarante, Luiz Carlos Junior Alcantara, Bernardo Galvão-Castro, Robyn Washington Parks, Cynthia Pise-Masison, Genoveffa Franchini. 2014. Palmitoylation and p8-Mediated Human T-Cell Leukemia Virus Type 1 Transmission. *Journal of Virology* 88(4):2319-2322. doi:10.1128/jvi.03444-13, PubMed 24284316
29. Claudio Fenizia, Martina Fiocchi, Kathryn Jones, Robyn Washington Parks, Michele Ceribelli, Sebastien A. Chevalier, **Dustin Edwards**, Francis Ruscetti, Cynthia A. Pise-Masison, Genoveffa Franchini. 2014. Human T-Cell Leukemia/Lymphoma Virus Type 1 p30, but Not p12/p8, Counteracts Toll-Like Receptor 3 (TLR3) and TLR4 Signaling in Human Monocytes and Dendritic Cells. *Journal of Virology* 88(1):393-402. doi:10.1128/jvi.01788-13, PubMed 24155397
30. Thessika Hialla Almeida Araujo, Leandro Inacio Souza-Brito, Pieter Libin, Koen Deforche, **Dustin Edwards**, Antonio Eduardo de Albuquerque-Junior, Anne-Mieke Vandamme, Bernardo Galvao-Castro, Luiz Carlos Junior Alcantara. 2012. A Public HTLV-1 Molecular Epidemiology Database for Sequence Management and Data Mining. *PLoS ONE* 7(9):e42123. doi:10.1371/journal.pone.0042123, PubMed 22970114
31. **Dustin Edwards**, Claudio Fenizia, Heather Gold, Maria Fernanda de Castro-Amarante, Cody Buchmann, Cynthia A. Pise-Masison, Genoveffa Franchini. 2011. Orf-I and Orf-II-Encoded Proteins in HTLV-1 Infection and Persistence. *Viruses* 3(6):861-885. doi:10.3390/v3060861, PubMed 21994758
32. **Dustin C. Edwards**, Katherine M. McKinnon, Claudio Fenizia, Kyung-Jin Jung, John N. Brady, Cynthia A. Pise-Masison. 2011. Inhibition of Geranylgeranyl Transferase-I Decreases Cell Viability of HTLV-1-Transformed Cells. *Viruses* 3(10):1815-1835. doi:10.3390/v3101815, PubMed 22069517
33. **Dustin C. Edwards**, Susan J. Marriott. 2008. Human T-Cell Leukemia Virus Type 1 Tax Relieves Repression of Proliferating Cell Nuclear Antigen Gene Expression. *Journal of Virology* 82(23):11714-11722. doi:10.1128/jvi.00356-08, PubMed 18799587
34. **Dustin C. Edwards**, Susan J. Marriott. 2007. RNA Tumour Viruses. *The Cancer Handbook*. doi:10.1002/9780470025079.chap06.pub2

Grants

43 awards totaling \$636,564, newest first. Where a student shares an award, this says "with a student researcher" instead of a name.

2026	\$3,000, Student Research Grant, Tarleton State University, with a student researcher
2025	\$1,000, Student Research Grant, Tarleton State University, with a student researcher
2024	\$2,000, Student Research Grant, Tarleton State University, with a student researcher

2024	\$12,000, Lignum Energy
2024	\$1,314, Provost's Student Research and Creative Activities Travel Grant, Tarleton State University
2023	\$100,000, Hatch Multistate Equipment Grant
2023	\$2,125, Texas Parks and Wildlife Department
2023	\$100,522, National Wild Turkey Federation
2023	\$1,000, Provost's Student Research and Creative Activities Travel Grant, Tarleton State University
2022	\$2,000, Student Research Grant, Tarleton State University, with a student researcher
2022	\$115,000, National Wild Turkey Federation
2022	\$57,419.74, Presidential Excellence in Research Scholars Grant, Tarleton State University
2022	\$2,500, Student Research Grant, Tarleton State University, with a student researcher
2021	\$2,000, Student Research Grant, Tarleton State University, with a student researcher
2021	\$24,380, Presidential Excellence in Research Scholars Grant, Tarleton State University
2021	\$16,936, FIERCE Award, Tarleton State University, with a student researcher
2021	\$2,000, Student Research Grant, Tarleton State University, with a student researcher
2020	\$3,000, Student Research Grant, Tarleton State University, with student researchers
2020	\$4,000, FYRE Award, Tarleton State University, with a student researcher
2020	\$1,025, Student Travel Grant, Tarleton State University, with Phage Discovery Program
2020	\$612, Student Travel Grant, Tarleton State University, with student researchers
2020	\$8,500, SEA-GENES, Howard Hughes Medical Institute
2019	\$1,500, SEA-PHAGES, Howard Hughes Medical Institute
2019	\$87,205, Barton Springs Salamander Conservation Fund, City of Austin/U.S. Fish and Wildlife
2019	\$2,000, Student Research Grant, Tarleton State University, with a student researcher
2019	\$516.63, Student Travel Grant, Tarleton State University, with Phage Discovery Program
2019	\$340, Student Travel Grant, Tarleton State University, with student researchers
2019	\$6,000, Office of Academic Affairs, Tarleton State University
2018	\$4,975, Faculty-Student Research and Creative Activity Internal Grant
2018	\$3,383.50, Office of Academic Affairs, Tarleton State University
2018	\$2,000, Office of Academic Affairs, Tarleton State University
2018	\$5,000, SEA-PHAGES, Howard Hughes Medical Institute
2018	\$4,000, FYRE Award, Tarleton State University, with a student researcher
2018	\$748.50, Student Travel Grant, Tarleton State University, with student researchers
2017	\$1,467.63, Student Research Grant, Tarleton State University, with student researchers

2017	\$2,500, Horizons Award, Tarleton State University, with a student researcher
2017	\$10,000, SEA-PHAGES, Howard Hughes Medical Institute
2016	\$3,000, Student Research Grants, Tarleton State University, with student researchers
2016	\$270, Student Travel Grant, Tarleton State University, with a student researcher
2016	\$1,000, Student Research Grant, Tarleton State University, with a student researcher
2016	\$1,000, Undergraduate Research Assistantship, Tarleton State University, with a student researcher
2015	\$16,500, Office of Academic Affairs, Tarleton State University
2015	\$20,824, Organized Research Grant, Tarleton State University

Fellowships and awards

2023	Invited Speaker/Convener, ASM Microbe. American Society for Microbiology, Houston, TX
2020-2021	Millicent and Eugene Goldschmidt Faculty Education Award. Texas Branch of the American Society for Microbiology
2019	Outstanding Junior Faculty Award. Tarleton State University, Stephenville, TX
2019	Outstanding Junior Faculty Award. College of Science and Technology, Stephenville, TX
2018	Student Success Award. Tarleton State University, Stephenville, TX
2018	Student Success Award. College of Science and Technology, Stephenville, TX
2015	Summer Grantsmanship School Award (OFR). Stephenville, TX
2010	Viruses, Genes and Cancer International Travel Fellowship (CNR). Venice, Italy
2009	Fellows Award for Research Excellence (FARE) 2010 (NIH). Bethesda, MD
2008-2013	Cancer Research Training Award (NIH), C5DP035809. Bethesda, MD
2005-2007	Molecular Virology Training Grant (NIH) Trainee, T32 AI-07471. Houston, TX

Invited talks

The CV lists 26 international and 170 national and regional presentations, 2004-2026, most of them posters and talks given by students with Dustin as senior author. Invited talks, seminars and roundtables where Dustin is the lead or only author:

2021	Developing a Scholarship Agenda & The Three Pillars of Academia. Tarleton State University CEE Faculty Scholarship Cohort. Virtual
2021	(REV)ised: a New Search for Reticuloendotheliosis Virus. Seminar. Texas A&M University - San Antonio. San Antonio, TX
2020	Faculty Roundtable: The Great Teaching Debate: To Lecture or Not to Lecture ~ What does an innovative learning experience look like?. Center for Instructional Innovation, Stephenville, TX. With T. Holley, N. Petroff, J. Heller
2019	Course-based Undergraduate Research Experiences. Deans and Program Directors for University of Texas Medical Branch. Galveston, TX

2019	Faculty Roundtable: Teaching Live: Students Connecting their Learning Experiences in the Moment?. Center for Instructional Innovation, Stephenville, TX
2019	Course-based Undergraduate Research Experiences: HHMI SEA-PHAGES. Dean's Circle for College of Science and Technology. Stephenville, TX
2019	(REV)ised: a New Search for Reticuloendotheliosis Virus. Rio Brazos Master Naturalists. Acton, TX
2018	Roundtable: Undergraduate Research and External Funding Mechanisms. Tarleton Student Research and Creative Activities, Stephenville, TX
2018	Roundtable: Undergraduate Research and Recruitment and Retention. Tarleton Student Research and Creative Activities, Stephenville, TX. With F. Morgan, K. Guay, K. Herrmann, E. Hall, L. Albert
2018	Faculty Roundtable: Ways to Engage Undergraduate Research. Center for Instructional Innovation, Stephenville, TX
2017	(REV)ised: a New Search for Reticuloendotheliosis Virus. Baylor University Lecture Series, Waco, TX
2013	Retroviruses. Infectious Disease and Society. George Mason University, Fairfax, VA
2012	Retroviruses. Infectious Disease and Society. George Mason University, Fairfax, VA
2009	Antimicrobial Drugs. Microbial Physiology and Metabolism. George Mason University, Fairfax, VA

Courses taught

- BIOL 4378: Biochemistry Lab (team-taught), Tarleton State University, Spring 2021 to present
- BIOL 3413: Molecular Biology Lab (team-taught), Tarleton State University, Fall 2020 to present
- BIOL 4090-050/060: Science in Society, Tarleton State University, Fall 2019
- BIOL 4090-030: Bioinformatics, Tarleton State University, Spring 2018 to present
- BIOL 4090-010: Virus Isolation, Tarleton State University, Fall 2017 to present
- BIOL 4350 | BIOL 5086: Vaccines, Tarleton State University, Spring 2016 to Spring 2026
- BIOL 5185: Graduate Seminar in Contemporary Research Topics, Tarleton State University, Spring 2016 to Fall 2021
- BIOL 3380 | BIOL 5086: Introduction to Virology, Tarleton State University, Fall 2015 to Spring 2025
- BIOL 3103: Genetic Techniques, Tarleton State University, Fall 2015 to Fall 2021
- BIOL 3403/3303: Genetics, Tarleton State University, Spring 2015 to 2025
- BIOL 2300: Cell Biology, Tarleton State University, Fall 2014 to Fall 2024
- BIOL 1406: Biology for Science Majors, Tarleton State University, Fall 2014 to Fall 2016
- BIOL 1100: Transitioning to University Studies in Biomedical Sciences, Tarleton State University, Fall 2014 to Fall 2016
- BIOL 420: Vaccines, George Mason University, Spring 2014

- BIOL 382: Introduction to Virology, George Mason University, Fall 2013

Students mentored

Shown as counts; the CV names each student.

BSL-2 LABORATORY RESEARCH MENTORING

- 2015-2026 19 students: Research students and trainees. BSL-2 laboratory research. Tarleton State University. Projects across all 23 laboratory students (Tarleton, NIH and Baylor) include the discovery of novel bacteriophages for nontuberculous mycobacteria, bacteriophage-delivering hydrogels, pathogen testing in biosolids, protein-protein interactions of cytotoxic phage proteins, bacteriophage anti-CRISPR systems, microbiomes of endangered salamanders, reticuloendotheliosis virus (REV) and lymphoproliferative disease virus (LPDV) in wild galliformes in Texas, avian retrovirus qPCR assays, HTLV-1 HBZ, HTLV-1 Orf-I and HTLV-1 Tax. The CV records these students going on to M.D., D.O., M.D./Ph.D. and Ph.D. programs, postdoctoral and research positions, and teaching.
- 2010-2012 2 students: Research students and trainees. BSL-2 laboratory research. National Institutes of Health
- 2004-2006 2 students: Research students and trainees. BSL-2 laboratory research. Baylor College of Medicine

PRESIDENTIAL HONORS PROGRAM RESEARCH MENTORING

- 2017-2023 14 students: Honors undergraduates, six cohorts. Presidential Honors Program: Discovery and Characterization of Novel Bacteriophages. Tarleton State University

ADDITIONAL RESEARCH MENTORING

- 2026-2027 36 students: Undergraduates. Phage Discovery Program research courses (Discovery and Characterization of Novel Bacteriophages and Bacteriophage Genetics). Tarleton State University
- 2025-2026 36 students: Undergraduates. Phage Discovery Program research courses (Discovery and Characterization of Novel Bacteriophages and Bacteriophage Genetics). Tarleton State University
- 2024-2025 36 students: Undergraduates. Phage Discovery Program research courses (Discovery and Characterization of Novel Bacteriophages and Bacteriophage Genetics). Tarleton State University
- 2023-2024 25 students: Undergraduates. Phage Discovery Program research courses (Discovery and Characterization of Novel Bacteriophages and Bacteriophage Genetics). Tarleton State University
- 2022-2023 39 students: Undergraduates. Phage Discovery Program research courses (Discovery and Characterization of Novel Bacteriophages and Bacteriophage Genetics). Tarleton State University

2021-2022	42 students: Undergraduates. Phage Discovery Program research courses (Discovery and Characterization of Novel Bacteriophages and Bacteriophage Genetics). Tarleton State University
2020-2021	37 students: Undergraduates. Phage Discovery Program research courses (Discovery and Characterization of Novel Bacteriophages and Bacteriophage Genetics). Tarleton State University
2019-2020	19 students: Undergraduates. Phage Discovery Program research courses (Discovery and Characterization of Novel Bacteriophages). Tarleton State University
2018-2019	11 students: Undergraduates. Molecular Biology and Biochemistry lab courses (Cloning and Expression of Bacteriophage Genes). Tarleton State University
2018-2019	17 students: Undergraduates. Phage Discovery Program research courses (Discovery and Characterization of Novel Bacteriophages). Tarleton State University
2018	2 students: Undergraduates. Biomedical Sciences lecture courses, ALE (Study of Vaccines Aversion in Rural Populations). Tarleton State University
2017-2018	21 students: Undergraduates. Phage Discovery Program research courses (Discovery and Characterization of Novel Bacteriophages). Tarleton State University
2017-2018	2 students: Interns. Virus Discovery, Genetic Techniques and Phage Discovery Program courses. Tarleton State University
2016	3 students: Undergraduate honors-credit students. Honors credit. Tarleton State University
2016	1 student: Undergraduate. Problems course. Tarleton State University
2015-2016	1 student: Graduate thesis research assistant. Graduate thesis research. Tarleton State University

GRADUATE THESIS AND NON-THESIS COMMITTEES

2019-present	8 students: Graduate students. 7 thesis and non-thesis committees, Department of Biological Sciences. Tarleton State University. Including chair of one non-thesis committee (2022-2025).
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MENTORED STUDENT AWARDS

2016-2025	36 awards: Mentored students. Awards won at research meetings. Tarleton State University. Among them Orville Wyss, Sarah McIntire, Samuel Kaplan and Joan Abramowitz awards at Texas Branch of the American Society for Microbiology meetings, and awards at Tarleton State University research symposia, the Gulf Coast Undergraduate Research Symposium, the Texas A&M University System Pathways Symposium, the Texas Academy of Science, the Texas Section of the Mathematical Association of America, and the World Congress on Virology and Infectious Disease.
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Service

DEPARTMENT

2025	Committee Chair, Search Committee for Chair of Biological Science. Stephenville, TX
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2024-2025 Faculty Mentor, Biological Sciences. Stephenville, TX

2022 Committee Member, Search Committee for Assistant Professor of Biological Science. Stephenville, TX

2022 Faculty Advisor, Biotechnology Laboratory Renovations. Stephenville, TX

2022 Faculty Advisor, Campus Preview Day. Tarleton State University, Stephenville, TX

2021 Committee Member, Search Committee for Lecturer of Biological Science. Stephenville, TX

2019 Student Recruitment. Tarleton State University, Stephenville, TX

2015-present Advisor for Pre-Physical Therapy Students. Tarleton State University, Stephenville, TX

2015-present Biomedical Sciences Student Orientation Advisor. Tarleton State University, Stephenville, TX

2015 Student Recruitment. Tarleton State University, Stephenville, TX

2015-2019 Faculty Volunteer, Texan Transition Week. Tarleton State University, Stephenville, TX

COLLEGE

2023-2024 Committee Member, Tenure and Promotion Criteria Review Committee. COSM, Stephenville, TX

2023-present Committee Member, Faculty Research Committee. COSM, Stephenville, TX

2021-2022 Faculty Advisor, STEM Basecamp. COST, Stephenville, TX

2020-2022 Faculty Advisor, STEM Scholars Program. COST, Stephenville, TX

2019-2021 Presentation Judge for Math Day. Stephenville, TX

2019 Poster Judge for College of Science and Technology Research Symposium. Stephenville, TX

2018 COST Faculty Awards Deliberation. Tarleton State University, Stephenville, TX

2017 Advisor for Science Olympiad. Tarleton State University, Stephenville, TX

2015-2016 Tarleton Joint Admissions Medical Program (JAMP). Tarleton State University, Stephenville, TX

2015-present Tarleton Health Professions Advisory Committee (THPAC). Tarleton State University, Stephenville, TX

UNIVERSITY

2025-present Committee Member, University Curriculum Committee. Tarleton State University, Stephenville, TX

2025 Committee Chair, Search Committee for Senior Research Compliance Administrator. Stephenville, TX

2025 Committee Member, Search Committee for Director of Instructional Development and Course Design. Stephenville, TX

2025	University Online Task Force. Tarleton State University, Stephenville, TX
2024-2025	Committee Member, Search Committee for Executive Director for Research Regulatory Compliance. Stephenville, TX
2023-2024	Faculty Mentor, Center for Educational Excellence. Stephenville, TX
2020	Committee Member, Faculty Search Committee for Dean of Libraries. Stephenville, TX
2020	Committee Member, McKenzie Family Endowed Research Professorship Selection. Stephenville, TX
2020	Committee Member, University Level Faculty Awards Selection Committee. Stephenville, TX
2019	Committee Member, Faculty Search Committee for Education Technology. Stephenville, TX
2019-present	Chair, Institutional Biosafety Committee. Tarleton State University, Stephenville, TX
2018-present	Lead Investigator, Biosafety Investigations. Tarleton State University, Stephenville, TX
2018-2021	Faculty-Student Research Advisory Board. Tarleton State University, Stephenville, TX
2018	Student Evaluation of Instruction Task Force. Tarleton State University, Stephenville, TX
2018	Ad Hoc Committee to revise Faculty Senate Constitution. Tarleton State University, Stephenville, TX
2018	Undergraduate Student Presentation Judge, TSU Research Symposium. Stephenville, TX
2017-2018	Committee Member, Institutional Review Board. Tarleton State University, Stephenville, TX
2017-present	Honors College Faculty Member. Tarleton State University, Stephenville, TX
2016-present	Committee Member, Institutional Biosafety Committee. Tarleton State University, Stephenville, TX
2016	Committee Member, Piper Professor Awards Committee
2016	Graduate Student Presentation Judge, TSU Research Symposium. Stephenville, TX
2016	Research and Scholarship Appreciation Week Planning Workgroup. Tarleton State University, Stephenville, TX
2016-2019	Department Representative, Biological Sciences, Faculty Senate. Tarleton State University, Stephenville, TX
2016-2019	Faculty Advisor, TSU Service Day. Tarleton State University, Stephenville, TX
2015-present	Faculty Advisor, Alpha Epsilon Delta. Tarleton State University, Stephenville, TX
2015	Commencement Marshal. Tarleton State University, Stephenville, TX
2015	Graduate Faculty Member. Tarleton State University, Stephenville, TX
2014	Graduate Student Oral Presentation Judge, TSU Research Symposium. Stephenville, TX

PROFESSIONAL

- 2025 Organizer for Texas Branch of the American Society for Microbiology Fall Meeting. Tyler, TX
- 2025-present Reviewer, Howard Hughes Medical Institute SEA SM*ART. Chevy Chase, MD
- 2025 Organizer for Texas Branch of the American Society for Microbiology Spring Meeting. Cedar Hill, TX
- 2025 Archivist, Texas Branch of the American Society for Microbiology
- 2024 Organizer for Texas Branch of the American Society for Microbiology Fall Meeting. Galveston, TX
- 2024 Organizer for Texas Branch of the American Society for Microbiology Spring Meeting. Cedar Hill, TX
- 2023 Organizer for Texas Branch of the American Society for Microbiology Fall Meeting. Stephenville, TX
- 2023 Organizer for Texas Branch of the American Society for Microbiology Spring Meeting. Abilene, TX
- 2023 Facilitator, Bioinformatics Training, Howard Hughes Medical Institute. Chevy Chase, MD
- 2022 Organizer for Texas Branch of the American Society for Microbiology Spring Meeting. virtual
- 2021-present Sub-committees, Texas Branch of the American Society for Microbiology
- 2021 Oral Presentation Judge for Texas Branch of the American Society for Microbiology Spring Meeting. virtual
- Organizer, Fourth Annual South Central SEA-PHAGES Symposium (canceled). Stephenville, TX
- 2019 Poster Judge for Texas Branch of the American Society for Microbiology Spring Meeting. New Braunfels, TX
- 2018 Poster Judge for Texas Branch of the American Society for Microbiology Spring Meeting. New Braunfels, TX
- 2017-present Science Education Alliance Faculty Member, Howard Hughes Medical Institute. Chevy Chase, MD
- 2016-present Editorial Board for the journal Intervirology
- 2016 Poster Judge for Texas Branch of the American Society for Microbiology Spring Meeting. New Braunfels, TX
- 2016-present Peer Reviewer for the journal AIDS Research and Human Retroviruses
- 2014-2015 Award Committee, International Retrovirology Association. Les Trois-Îlets, Martinique
- 2013 Poster Judge for the 16th International Conference on Human Retrovirology. Montreal, Canada

2013-present Peer Reviewer for the journal Frontiers in Microbiology

2012-2013 Award Committee, International Retrovirology Association. Leuven, Belgium

2009-2015 Executive Committee, International Retrovirology Association. Washington, DC

2010 Reviewer for the Fellows Award for Research Excellence (FARE) 2011 (NIH). Bethesda, MD

2007 Abstract Manager, 13th International Conference on Human Retrovirology. Published in AIDS Res Hum Retroviruses 23:581-666, 2007. Hakone, Japan

2006-2015 Website Administrator for the International Retrovirology Association

COMMUNITY

2025 Coach, Community Sports and Activities

2018-2019 STEM+C Science Outreach, Morgan Mill School District

2018 STEM+C Science Outreach, Tolar School District

2016-2019 STEM+C Science Outreach, Bluff Dale School District

2015-2019 Adopt-A-Highway Community Roadside Clean-up

2013-2014 Animal Exhibit Education Interpreter, Smithsonian's National Zoological Garden / Friends of the National Zoo (FONZ). Washington, DC

COMPENSATED PROFESSIONAL CONSULTING

2025 Work Group, Howard Hughes Medical Institute

2021 Editor, BioScience Writers. Houston, TX

2020 Focus Group, Virus Discovery CURE, Yale University. New Haven, CT

2020-2023 External Reviewer, Faculty Grant Program, University of Central Oklahoma. Edmond, OK

PROFESSIONAL MEMBERSHIPS

- International Retrovirology Association
- American Society for Microbiology
- American Society for Microbiology Texas Branch
- Alpha Epsilon Delta Honor Society
- Howard Hughes Medical Institute Science Education Alliance

Professional development

2025 SEA Faculty Meeting. HHMI, Chevy Chase, MD

2024 SEA Faculty Meeting. HHMI, Chevy Chase, MD

2023 SEA Faculty Meeting. HHMI, Chevy Chase, MD

2022 Review2Improve Gene Annotation Workshop. HHMI, Virtual

2021 Rubrics: Communicating High Expectations. Tarleton State University, Stephenville, TX

2021	Bacteriophage Genetics Workshop. HHMI, Virtual
2020	PECAAN Bioinformatics Workshop. HHMI and Western Kentucky University, Bowling Green, KY
2020	HyFlex Training, CII/CEE. Tarleton State University, Stephenville, TX
2020	Bacteriophage Genetics Workshop. HHMI, Virtual
2019	Best Practices for Teaching an Online Course, CII. Tarleton State University, Stephenville, TX
2019	Institutional Biosafety Committee Training (IBC). Tarleton State University, Stephenville, TX
2018	Genome Annotation Workshop. HHMI and University of Kansas, Lawrence, KS
2018	Applied Learning Experience Training. Tarleton State University, Stephenville, TX
2018	Genome Announcements Workshop. HHMI, Chevy Chase, VA
2018	Institutional Biosafety Committee Training (IBC). Tarleton State University, Stephenville, TX
2018	Institutional Review Board Training (IRB). Tarleton State University, Stephenville, TX
2017	Bioinformatics Workshop. HHMI, Chevy Chase, VA
2017	Virus Isolation Workshop. HHMI, Baltimore, MD
2017	Transmission Electron Microscopy Training. UT Southwestern Medical Center, Dallas, TX
2017	Entering Mentoring: Training the Next Generation of Scientists. Chevy Chase, VA
2017	Site Visit for Virus Isolation. Baylor University, Waco, TX
2017	Conference of Texas Association of Advisors for the Health Professions. Houston, TX
2015	Institutional Animal Care and Use Training (IACUC). Tarleton State University, Stephenville, TX
2015	Collaborative Institutional Training Initiative (CITI). Tarleton State University, Stephenville, TX

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