

Jennifer R Honda  
**August 2025 - August 2026**  
Associate Professor  
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## CONTACT INFORMATION

303.2 Biomedical Research Building  
11937 US Hwy 271  
Tyler, Texas 75708

## DEGREES

|      |                                                                                                                                                                                                                  |
|------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 2010 | Ph.D., Microbiology, University of Colorado Anschutz Medical Campus, Aurora, Colorado, United States<br>Dissertation: Immune Responses to Mycobacteria In the Context of HIV: Role of Vitamin D and Cathelicidin |
| 2002 | M.Sc., Microbiology, University of Hawaii, Manoa, Honolulu, Hawaii, United States                                                                                                                                |
| 1997 | B.Sc., Biology, Colorado State University, Fort Collins, Colorado, United States                                                                                                                                 |

## POST-GRADUATE TRAINING

Post-Doctorate, University of Colorado Anschutz Medical Campus, Infectious Disease, Aurora, Colorado, United States, September 2011, August 2012  
Post-Doctorate, National Jewish Health , Respiratory Disease, Denver, Colorado, United States, August 2012, July 2014

## ACADEMIC APPOINTMENTS

Level 2 Affiliate Graduate Faculty , Department of Tropical Medicine and Medical Microbiology & Pharmacology, University of Hawai'i, Honolulu, Hawaii, Tenure (if applicable): Not Applicable, 2017-10-01  
Instructor, National Jewish Health, Denver, Colorado, Tenure (if applicable): Not Applicable, 2017-06-20, 2019-11-30  
Assistant Professor, Department of Immunology & Genomic Medicine, National Jewish Health , Denver, Colorado, Tenure (if applicable): Not Tenured, 2019-12-01, 2023-03-31  
Special Faculty, Department of Integrative Biology, University of Colorado, Denver, Denver, Colorado, Tenure (if applicable): Not Applicable, 2019-02-01, 2023-03-31  
Adjunct Assistant Professor, Graduate Program in Microbiology, University of Colorado Anschutz Medical Campus, Aurora, Colorado, Tenure (if applicable): Not Applicable, 2022-01-13, 2023-03-31  
Associate Professor, Department of Medicine, UT Tyler School of Medicine, Tyler, Texas, Tenure (if applicable): Tenured, 2023-04-01, 2030-08-31

## ADMINISTRATIVE APPOINTMENTS

Director, NTM Environmental Reference Laboratory , UT Tyler School of Medicine, Tyler, Texas, 2023-04-01

Director, Center for Mycobacterial Discovery and Treatment, Department of Cellular & Molecular Biology, UT Tyler School of Medicine, Tyler, Texas, 2023-04-01

## OTHER ADMINISTRATIVE/LEADERSHIP POSITIONS AND PROFESSIONAL EXPERIENCES

January 2025, End Date: December 2025, Executive Orientation Series , Leadership Tyler , Tyler , Texas

January 2024, End Date: Ongoing, John S. Chapman Endowed Professorship in Microbiology, UTHSCT, Tyler , Texas

## HONORS AND AWARDS

### October 2025

Nominated Living Treasure of Hawai'i , Living Treasure of Hawai'i Program , Living Treasure honoree Nola Nahulu, with many lei, and Mitsuyo Saito (photo by Ruth Tokumi)  
2013 Living Treasure Nola Nahulu with Mitsuyo Saito. Photo by Ruth Tokumi.

Living Treasures of Hawaii™ recognizes and honors individuals who have demonstrated excellence and high achievement in their particular field of endeavor, and who, through continuous growth, learning, and sharing, have made significant contributions toward enriching our society.

## PROFESSIONAL MEMBERSHIPS

### UTT

#### January 2024 - December 2025

UT Tyler Research Enterprise Council, Community Engagement Committee [Responsibility: Member by Nomination]

### National

#### January 2024 - Ongoing

American Thoracic Society: Basic and Translational Scientist Working Group (PBTS WG), Ph D Reception Chair (2024-2025, 2026-27), PBTS WG Liaison to the Science and Innovation Center (SIC) (2024-26) [Responsibility: Member by Nomination]

#### January 2020 - May 2026

American Thoracic Society: Science and Innovation Center, Liaison to the Science and Innovation Center (SIC) [Responsibility: Member by Nomination]

### International

#### May 2014 - Ongoing

American Thoracic Society: Pulmonary Infections and Tuberculosis Assembly (PI-TB), Programming Committee (2026, 2022-23), Assembly Representative to Basic and Translational Scientist Working Group (PBTS WG) (2024-26), Executive Committee (2021-23, 2024-26), Planning Committee (2020-22), Early-Career Working Group (ECWG) (2020-22), ECWG Pulmonary Infection Network of Experts (PINE) Organizing Committee (2020-22) [Responsibility: Member]

#### May 2011 - Ongoing

American Society for Microbiology [Responsibility: Member]

## SERVICE ON COMMITTEES

### UTT

#### January 2025 - December 2025

UT Tyler Research Enterprise Council, Subcommittee : Community Engagement Committee [Responsibility: Member by Nomination]

### UTTSOM

#### August 2026 - September 2026

Mycobacteria Seed Grant Reviewer [Responsibility: Member by Nomination]

### National

#### August 2026 - August 2026

NIH Special Emphasis Panel, Subcommittee : Special Emphasis Panel (SEP) entitled 'Discovery and Optimization of Immunotherapies and Biological Therapeutics' will assess R01, R21, and R15 grant applications [Responsibility: Peer Review Panel]

NSF , Subcommittee : Division Of Environmental Biology in the area of Evo Patterns & Processes [Responsibility: Peer Review Panel ]

#### August 2026 - Ongoing

American Thoracic Society Inaugural Network for Respiratory Research and Discovery (NERRD) World Subcommittee : Lung Infection Subcommittee [Responsibility: Member by Nomination]

#### May 2026 - May 2026

NSF Emerging Frontiers Cross-BIO Activities, Subcommittee : Invited Panelist [Responsibility: Member by Nomination]

#### March 2026 - March 2026

Invited Panelist. NIH, Lung immunology and Infection (LII) Study Section[Responsibility: Member by Nomination]

#### March 2026 - Ongoing

Many Hosts of Mycobacteria Meeting[Responsibility: Member by Nomination]

#### December 2025 - December 2025

2nd North American Bronchiectasis and NTM Symposium, Subcommittee : Session moderator [Responsibility: Member by Nomination]

NIH Special Emphasis Panel ZRG1 MCST-U 86 Subcommittee : Bioanalytical, Molecular, Cellular Sciences and Technologies [Responsibility: Invited Panelist ]

#### September 2025 - September 2025

Oregon Health & Science University, Subcommittee : Promotion Evaluation for Candidate Assistant to Associate Professor [Responsibility: Member by Nomination]

#### January 2024 - May 2026

American Thoracic Society , Subcommittee : PI-TB Assembly Representative to Basic and Translational Scientist Working Group [Responsibility: Member by Nomination]

American Thoracic Society , Subcommittee : PBTS WG Liaison to the Science and Innovation Center (SIC) [Responsibility: Member by Nomination]

American Thoracic Society , Subcommittee : PI-TB Executive Committee [Responsibility: Member by Nomination]

## **International**

### **May 2026 - Ongoing**

American Thoracic Society, Subcommittee : PI-TB Programming Committee [Responsibility: Member by Nomination]

### **January 2025 - Ongoing**

American Thoracic Society, Subcommittee : PhD Reception Chair for the International Conference [Responsibility: Chair]

### **May 2024 - Ongoing**

PI-TB Assembly Representative to Basic and Translational Scientist Working Group, Subcommittee : American Thoracic Society [Responsibility: Member by Nomination]

## **EDITORIAL/BOARD APPOINTMENTS AND RESPONSIBILITIES**

### **August 2026 - August 2026**

Editorial Team Request, Research Topic in Frontiers in Immunology with Dr. Evangelia Fouka of the University of Athens, centered around Precision immunology in bronchiectasis: Immune endotypes, biomarkers and therapeutic targets.

NIH Special Emphasis Panel, Special Emphasis Panel (SEP) entitled 'Discovery and Optimization of Immunotherapies and Biological Therapeutics' will assess R01, R21, and R15 grant applications

### **May 2024 - January 2026**

Mycobacteria

### **May 2019 - Ongoing**

Frontiers in Microbiology, Infectious Disease, Public Health, and Medicine

## **TEACHING ACTIVITIES**

| Title                                                                                                     | Setting                  | Level of Learner                     | Number of Learners | Contact Hours | Type of Learning Activity | Teaching Methods                                      | Start Month    | End Month      |
|-----------------------------------------------------------------------------------------------------------|--------------------------|--------------------------------------|--------------------|---------------|---------------------------|-------------------------------------------------------|----------------|----------------|
| Mentor to SOM MD Student                                                                                  | Lab                      | Doctoral/Master                      | 1                  |               | Series                    | Laboratory, One-to-one, Laboratory/Research Preceptor | March 2026     | Ongoing        |
| Thesis Committee Member.                                                                                  | Other                    | Doctoral/Master                      | 1                  |               | Single Session            | Other                                                 | January 2026   | Ongoing        |
| Thesis Mentor                                                                                             | Other                    | Doctoral/Master                      | 1                  |               | Series                    | Laboratory, One-to-one, Laboratory/Research Preceptor | January 2026   | Ongoing        |
| ESI Mentoring                                                                                             | Faculty Development      | Faculty Development                  | 1                  | 100           | Series                    | Other                                                 | November 2025  | Ongoing        |
| School of Medicine, Invaders Course, "Biology of tuberculosis and nontuberculous mycobacterial infections | Course                   | Doctoral/Master                      | 20                 | 1             | Single Session            | Lecture                                               | September 2025 | September 2025 |
| Thesis Committee Member                                                                                   | Lab                      | Doctoral/Master                      | 1                  |               | Series                    | One-to-one, Laboratory/Research Preceptor             | September 2025 | Ongoing        |
| Mentor: First Yr SOM MD student                                                                           | Lab                      | Doctoral/Master                      | 1                  |               | Series                    | Laboratory, One-to-one, Laboratory/Research Preceptor | January 2025   | December 2025  |
| Thesis Committee Member                                                                                   | Other                    | Doctoral/Master                      | 1                  |               | Series                    | Laboratory, Other                                     | January 2025   | May 2026       |
| Mentor to SOM MD Student                                                                                  | Lab                      | Doctoral/Master                      | 1                  |               | Series                    | Laboratory, One-to-one, Laboratory/Research Preceptor | January 2024   | December 2025  |
| BIOT5132 Critical Reading II                                                                              | Other                    | Doctoral/Master                      | 12                 |               | Single Session            | Lecture                                               | August 2023    | Ongoing        |
| Mentor: Graduate Certificate Program                                                                      | Lab, Faculty Development | Doctoral/Master, Faculty Development | 1                  |               | Series                    | Laboratory, One-to-one, Laboratory/Research Preceptor | May 2023       | October 2025   |

## CURRICULUM DEVELOPMENT

| Curriculum Name/Topic                                                                                    | Your Role and Degree of Responsibility | Curriculum Length | Level of Learner                                                                             | Number of Learners | Start Month   | End Month  |
|----------------------------------------------------------------------------------------------------------|----------------------------------------|-------------------|----------------------------------------------------------------------------------------------|--------------------|---------------|------------|
| NTM Earth Program                                                                                        | Developer                              | Entire Program    | Undergraduate , Doctoral/Master, Post Graduate, Residents, Fellow, Faculty Development       | 10                 | July 2026     | Ongoing    |
| NTM whole Genome Sequencing and Educational Workshop                                                     | Developer                              | Session(s)/lab(s) | Undergraduate , Faculty Development                                                          | 10                 | March 2026    | March 2026 |
| HAPA NTM and Bronchiectasis International Conference (Hawai'i, Asia, Pacific Island Alliance) Conference | Developer                              | Entire Program    | Doctoral/Master, Post Graduate, Residents, Fellow, Faculty Development, Continuing Education | 150                | November 2025 | Ongoing    |
| Defense and Invaders Session                                                                             | Developer                              | Session(s)/lab(s) | Doctoral/Master                                                                              | 40                 | May 2024      | Ongoing    |

#### ADVISING/MENTORING/COACHING

| Name of Individual                         | Level of Training              | Purpose/Objective                | Mentoring/Advising Activities                                                                                       | Start Month   | End Month     |
|--------------------------------------------|--------------------------------|----------------------------------|---------------------------------------------------------------------------------------------------------------------|---------------|---------------|
| Jessica Sakoda (High School Student)       | Undergraduate                  | Scholarly work                   | Formal, Student career advising/coaching, Research mentor/advisor/coach, Educational mentor/advisor/coach           | August 2026   | Ongoing       |
| Jayzie Tumaneng (MS, University of Hawaii) | Graduate                       | Scholarly work                   | Formal, Student career advising/coaching, Research mentor/advisor/coach, Educational mentor/advisor/coach           | August 2026   | Ongoing       |
| McKenna Clevenger                          | Undergraduate                  | Development of individual        | Informal                                                                                                            | July 2026     | July 2026     |
| Cohen Taylor (volunteer)                   | Undergraduate                  | Career advancement of individual | Informal, Formal, Student career advising/coaching, Research mentor/advisor/coach, Educational mentor/advisor/coach | July 2026     | Ongoing       |
| Maryam Khan (volunteer)                    | Undergraduate                  | Career advancement of individual | Informal, Formal, Student career advising/coaching, Research mentor/advisor/coach, Educational mentor/advisor/coach | May 2026      | Ongoing       |
| Jimmy Zhang, MD                            | Faculty/Professional Colleague | Development of individual        | Informal, Research mentor/advisor/coach, Educational mentor/advisor/coach                                           | April 2026    | Ongoing       |
| Jade Sok (High School Student)             | Undergraduate                  | Scholarly work                   | Informal, Research mentor/advisor/coach                                                                             | December 2025 | Ongoing       |
| Fernando Tirado                            | Graduate                       | Scholarly work                   | Informal, Research mentor/advisor/coach                                                                             | November 2025 | November 2025 |
| Christine Akamine, MD                      | Faculty/Professional Colleague | Career advancement of individual | Formal, Research mentor/advisor/coach                                                                               | November 2025 | Ongoing       |
| Christine Ponce                            | Graduate                       | Scholarly work                   | Formal, Research mentor/advisor/coach, Educational mentor/advisor/coach                                             | November 2025 | Ongoing       |

|                                     |                                |                                  |                                                                                                           |                |                |
|-------------------------------------|--------------------------------|----------------------------------|-----------------------------------------------------------------------------------------------------------|----------------|----------------|
| 2023                                |                                |                                  |                                                                                                           |                |                |
| Maritza Estrada (MS)                | Graduate                       | Scholarly work                   | Formal, Student career advising/coaching, Research mentor/advisor/coach, Educational mentor/advisor/coach | September 2025 | Ongoing        |
| Jenna Rogers (RA to MS)             | Undergraduate                  | Career advancement of individual | Formal, Student career advising/coaching, Research mentor/advisor/coach, Educational mentor/advisor/coach | August 2025    | July 2026      |
| Jerry Gao                           | Undergraduate                  | Scholarly work                   | Formal, Student career advising/coaching, Research mentor/advisor/coach                                   | June 2025      | Ongoing        |
| Alexa Remigio                       | Undergraduate                  | Scholarly work                   | Formal, Research mentor/advisor/coach                                                                     | May 2025       | September 2025 |
| Kelia Siu                           | Undergraduate                  | Scholarly work                   | Informal, Research mentor/advisor/coach                                                                   | March 2025     | August 2025    |
| Jenea Travier (Research Assistant)  | Undergraduate                  | Career advancement of individual | Formal, Research mentor/advisor/coach, Educational mentor/advisor/coach                                   | February 2025  | Ongoing        |
| Chelsea Raulerson                   | Fellow or Post-Doc             | Scholarly work                   | Formal, Research mentor/advisor/coach                                                                     | January 2025   | Ongoing        |
| Riley Johnson                       | Doctoral                       | Scholarly work                   | Formal, Student career advising/coaching, Research mentor/advisor/coach                                   | September 2024 | December 2025  |
| Momoko Magauran                     | Undergraduate                  | Scholarly work                   | Formal, Research mentor/advisor/coach                                                                     | May 2024       | Ongoing        |
| Adrian Hornby PhD (Staff Scientist) | Faculty/Professional Colleague | Career advancement of individual | Formal, Research mentor/advisor/coach                                                                     | March 2024     | Ongoing        |
| Kristin Dean (Research Associate)   | Graduate                       | Career advancement of individual | Formal, Research mentor/advisor/coach, Educational mentor/advisor/coach                                   | February 2024  | Ongoing        |
| Madelyn Terrell (RA to MS)          | Graduate                       | Scholarly work                   | Formal, Student career advising/coaching, Research mentor/advisor/coach, Educational mentor/advisor/coach | February 2024  | Ongoing        |
| Adrian J. Hornby                    | Fellow or Post-Doc             | Scholarly work                   | Formal, Research mentor/advisor/coach                                                                     | October 2023   | Ongoing        |
| LiangHao Ding, PhD                  | Faculty/Professional Colleague | Scholarly work                   | Research mentor/advisor/coach                                                                             | June 2023      | Ongoing        |
| Tara Zamani                         | Undergraduate                  | Scholarly work                   | Formal, Student career advising/coaching, Research mentor/advisor/coach, Educational mentor/advisor/coach | May 2023       | Ongoing        |
| Tiana Koch (RA to MS)               | Graduate                       | Scholarly work                   | Formal, Student career advising/coaching, Research mentor/advisor/coach, Educational mentor/advisor/coach | January 2023   | Ongoing        |
| Michael Kostecki                    | Undergraduate                  | Scholarly work                   | Formal, Student career advising/coaching, Research mentor/advisor/coach, Educational mentor/advisor/coach | May 2022       | Ongoing        |
| Acelyn McGowan                      | Undergraduate                  | Scholarly work                   | Formal, Student career advising/coaching, Research mentor/advisor/coach, Educational mentor/advisor/coach | May 2022       | Ongoing        |
| Rachel Wilsey (Senior               | Undergraduate                  | Career advancement               | Formal, Research mentor/advisor/coach                                                                     | June 2021      | Ongoing        |

|                     |               |                |                                                                                                           |          |         |
|---------------------|---------------|----------------|-----------------------------------------------------------------------------------------------------------|----------|---------|
| Research Associate) |               | of individual  |                                                                                                           |          |         |
| Madalyn Murphy      | Undergraduate | Scholarly work | Formal, Student career advising/coaching, Research mentor/advisor/coach, Educational mentor/advisor/coach | May 2021 | Ongoing |
| Ana Olyer-Castrillo | Undergraduate | Scholarly work | Formal, Student career advising/coaching, Research mentor/advisor/coach, Educational mentor/advisor/coach | May 2021 | Ongoing |
| Katherine Kan       | Undergraduate | Scholarly work | Formal, Student career advising/coaching, Research mentor/advisor/coach, Educational mentor/advisor/coach | May 2020 | Ongoing |

## EDUCATIONAL LEADERSHIP AND ADMINISTRATION

### March 2026 - March 2026

Lead and Organized the NTM whole Genome Sequencing and Educational Workshop and NTM Clinical Resource and Patient Advocacy Workshop Unit/Location: Honolulu, Hawaii , Your Role: Volunteer

### November 2025 - Ongoing

Hawai'i, Asia, Pacific Island Alliance (HAPA) NTM and Bronchiectasis Conference, Unit/Location: Honolulu, Hawaii , Your Role: Volunteer

## GRANTS

### Completed

#### Federal

RAPID: Investigating risk for environmentally acquired nontuberculous mycobacterial lung infections in the wake of the Lahaina, Maui wildfires Funded by NSF (December 1, 2023 - November 30, 2025), awarded August 31, 2023 (**\$200,000.00**), Completed, November 2025, PI Jennifer Honda (0.12%) [Type of Grant: Research]

#### Foundation

Definition and Validation of a Persister Phenotype of M. abscessus in CF Pulmonary Infection Funded by Cystic Fibrosis Foundation Basic Research Grant (May 1, 2022 - April 30, 2024), awarded May 1, 2022 (**\$326,434.00**), Completed, December 2025, PI Jennifer Honda (12%) [Type of Grant: Research]

### Funded - In Progress

#### Federal

RAPID: Exposure risk for cyclone-induced flooding and bacterial pathogen emergence", Funded by National Science Foundation (July 7, 2026), awarded July 7, 2026 (**\$287,516.00**), Funded - In Progress, July 2026, PI Jennifer Honda (16.5%) [Type of Grant: Research]

#### Foundation

Prospective healthcare-associated links in transmission of nontuberculous mycobacteria in patients with cystic fibrosis (pHALT NTM) Funded by Cystic Fibrosis Foundation (January 1, 2025 - December 31, 2026) (**\$330,000.00**), Funded - In Progress, January 2025, CoPI Jennifer Honda [Type of Grant: Research]

Critical Host-Pathogen Interactions in the Context of Nontuberculous Mycobacterial Lung Disease", Funded by Padosi Foundation (December 1, 2023 - December 14,

2028), awarded December 15, 2023 (**\$1,250,000.00**), Funded - In Progress, December 2023, PI Jennifer Honda (100%) [Type of Grant: Research]

## Submitted for Review

### Federal

From Cure to Consequence: Investigating Post-TB Bronchiectasis as a Risk Factor for NTM Lung Disease.” Funded by National Institutes of Health NIAID R21 (April 1, 2027), Submitted for Review, June 2026, PI Jennifer Honda [Type of Grant: Research]

The Hawaii Nontuberculous Mycobacteria (NTM) Project: Epidemiology, Prevention, and Biomarkers Funded by NIH/NIMHD RCMI U54 Ola Hawai'i Specialized Center (January 1, 2027), Submitted for Review, May 2026, CoPI Jennifer Honda [Type of Grant: Research]

Environment-lung transition for Mycobacterium intracellulare subsp. chimaera during bronchiectasis Funded by NIH (September 1, 2026) **\$409,750.00**, Submitted for Review, February 2026, PI Jennifer Honda [Type of Grant: Research]

Optimization of Ventilation Airflow to Reduce the Development of Antimicrobial Resistance in Aerosolized Mycobacteria and Mitigate their Transmission in Healthcare Facilities, Funded by National Institutes of Health (August 1, 2026), Submitted for Review, February 2026, CoPI Jennifer Honda [Type of Grant: Research]

Soil, Water, and Microbial Crossroads: Environmental Tipping Points in Pathogen Evolution Funded by UK Research and Innovation, Pushing the frontiers of environmental research (June 1, 2026), Submitted for Review, January 2026, CoPI Jennifer Honda [Type of Grant: Research]

### University

Tap water metal exposure on NTM antimicrobial resistance and virulence Funded by UTHSCT Seed Grant (September 15, 2026), Submitted for Review, August 2026, PI Jennifer Honda [Type of Grant: Research]

Engineering a novel 3D apical out airway organoid to model NTM infections in bronchiectasis Funded by UTHSCT Seed Grant (September 15, 2026), Submitted for Review, August 2026, PI Jennifer Honda [Type of Grant: Research]

## SCHOLARLY CONTRIBUTIONS AND CREATIVE PRODUCTIONS

### Journal Article

#### Completed/Published

##### Peer-reviewed

1. Koch, T. N. M., Siu, K. K., Falkinham, J. O., & Honda, J. R. (2026). Methods to reduce environmental nontuberculous mycobacteria exposure: revisiting the recent literature. *Critical Reviews in Microbiology*, 1-15.
2. Honda, J. R., Wilsey, R. N., Raulerson, C. K., Ding, L.-H. H., Castaneda, C. L., & Joyner, J. L. (2026). Documenting environmentally acquired Mycobacterium intracellulare subsp. chimaera pulmonary disease soon after bronchiectasis onset. *Clinical Infectious Diseases: An Official Publication of the Infectious Diseases Society of America*.
3. Gross, J. E., Fullmer, J., McClelland, G., Caceres, S. M., Poch, K. R., Hasan, N. A., Jia, F., Epperson, L. E. E., Lipner, E. M., Vang, C. K., Honda, J. R., Strand, M. J., de Moura, V. C. N., Daley, C. L., Strong, M., & Nick, J. A. (2025). Genomic and epidemiologic investigation of Mycobacterium abscessus isolates in a cystic fibrosis center to determine potential routes of transmission. *Journal of Cystic Fibrosis: Official Journal of the European Cystic Fibrosis Society* 24(6), 1114-1123.
4. Ankrum, A. L., Caceres, S. M., Torsell, M., Epperson, E., Calado Nogueira de Moura, V., Gillick, J. J., Strong, M., Liu, Q., Strand, M. J., Wilsey, R. N., Honda, J. R., Gross, J. E., & Scaggs-Huang, F. A. (2025). outbreak investigation at a quaternary pediatric hospital following the opening of a LEED-certified critical care tower: where does water sustainability intersect with infection control? *Infection Control and Hospital Epidemiology*, 1-9.
5. Koch, T. N., Banta, J. A., Wilsey, R. N., Chan, E. D., Crooks, J. L., & Honda, J. R. (2025). Consequences of Climate Change on the Emergence of Pathogenic,

## Oral Presentations, Symposia, Seminars

Completed/Published

### Peer-reviewed

1. Honda, J. R. (2026). NTM Environmental Exposures . *NTM and Bronchiectasis Patient Conference*
2. Honda, J. R. (2025). How Should We Think About the Environment *NTM Lecture Series for Patients*.
3. Honda, J. R. (2025). Environmental Sources of NTM. How to Advise Patients on how to Avoid Risk *NTM Lecture Series for Providers*
4. Honda, J. R. (2025). 2 talks:1) Providers “How to Advise Patients on how to Avoid Risk” 2) Patients: “How should we think about the environment” . *NTM Lecture Series for Providers and Patients*.

### Non-peer Reviewed

5. Honda, J. R. (2026). **Climate Change-Related Conditions Modify Morphology and Macrophage Infectivity of Soil Mycobacterium abscessus** . *A98 - THE SCIENCE BEHIND THE MAGIC: RE-ENGINEERING HOST AND MICROBIAL DETERMINANTS OF NTM DISEASE*.
6. Honda, J. R. (2026). Macrophage Responses to Environment-Sourced NTM and Particulates . *D84. Eat. Kill. Survive. The Macrophage-NTM Standoff*.
7. Honda, J. R. (2026). **Nontuberculous mycobacterial lung disease in Hawai'i: Epidemiology, Environment, and Emerging Mechanisms** . *Department of Tropical Medicine Special Seminar Series*.
8. Raulerson, C. K., Wilsey, R., Ding, L., Castaneda, C., Joyner, J., & Honda, J. R. (n.d.). Documentation of environmentally acquired M. intracellulare subsp. chimaera pulmonary disease soon after bronchiectasis onset: a case study. *Texas Fall American Society for Microbiology Branch Meeting*
9. Travier, J., Wilsey, R., Dean, K., Kennedy, T., McGregor, J., Calk, J., Chong, E., Odell, M., Banta, J., & Honda, J. R. (n.d.). Uncovering environmental nontuberculous mycobacteria of respiratory significance in Northeast Texas. *Texas Fall American Society for Microbiology Branch Meeting*
10. Rogers, V. J., Raulerson, C., Pacpaco, K., Wilsey, R., Hornby, A., Ding, L., Hill, E., Nick, J., Chan, Y., & Honda, J. R. (n.d.). Loss of cell envelope-associated rough core genes of respiratory Mycobacterium abscessus isolates from people with cystic fibrosis compared to environmental isolates. *Texas Fall American Society for Microbiology Branch Meeting*.

## Posters

Completed/Published

### Non-peer Reviewed

1. Honda, J. R. (n.d.). Cracking the Dome: How Extracellular Matrix Loss Reshapes *Mycobacterium abscessus*. *American Thoracic Society International Conference*.
2. Honda, J. R. (n.d.). **Female sex hormones and Mycobacterium chimaera lung disease** *UTT SOM Research Day*.
3. Honda, J. R. (n.d.). **Female sex hormones and Mycobacterium chimaera lung disease**. *Texas Branch American Society for Microbiology Spring Meeting*
4. Dean, K., Wilsey, R., Hornby, A., & Honda, J. R. (n.d.). Mycobacterium abscessus biofilms promoted on plastic pipes compared to metal pipes. *Texas Fall American Society for Microbiology Branch Meeting*.
5. Hornby, A., Lipner, E., Wilsey, R., Johnson, R., Nelson, S., Carling, G., & Honda, J. R. (n.d.). Transition Metals and Hawai'i Nontuberculous Mycobacteria: Magnified Analyses at the Water Tap. *Texas Fall American Society for Microbiology*.
6. Terrell, M., Awaya, J., Mooney, R., Mui, F., & Honda, J. R. (n.d.). Interkingdom interactions between environmental rapid growing mycobacteria and Acanthamoeba that drive virulence. *Texas Fall American Society for Microbiology Branch Meeting*
7. Honda, J. R. (n.d.). Interkingdom interactions between environmental rapid growing mycobacteria and Acanthamoeba that drive virulence.. *Texas Fall American Society for Microbiology Branch Meeting*.
8. Honda, J. R. (n.d.). Transition Metals and Hawai'i Nontuberculous Mycobacteria: Magnified Analyses at the Water Tap *Texas Fall American Society for*

## PROFESSIONAL DEVELOPMENT

### **May 2026 - Ongoing**

Innovator to Entrepreneur Program (ITEP) 2026 Cohort, NIH/NIAID/NHLBI , Virtual , Description: ITEP assists aspiring entrepreneurs by providing 22 participants with cohort-based comprehensive training that covers the key elements of company launch, business strategy development, intellectual property protection, market research and customer discovery, startup financing, and small business innovation research (SBIR)/small business technology transfer (STTR) grantsmanship. The curriculum will cover topics necessary to understand the processes of business creation, operation, financing and technology commercialization and will assist in deep understanding of SBIR/STTR program.

### **January 2025 - December 2025**

Executive Orientation Series, Leadership Tyler, Tyler, TX , Description: The Executive Orientation Series is designed to quickly orient incoming senior executives to the community and its resources so that they become more knowledgeable about this area and how business is done in Tyler; proud and excited to have chosen to move here; and deeply invested in our growth now and in the future.

## PROFESSIONAL COMMUNITY SERVICE

### **June 2026 - June 2026**

‘Iolani School Kula A’o Kalaioewe AINA Informatics Invited Speaker. Host: Yvonne Chan, PhD.

### **March 2026 - March 2026**

American Thoracic Society , Invited Panelist and Moderator: Getting involved in ATS: Leadership Pathways for Early Career Scientists

Texas American Society for Microbiology (ASM) Spring Branch Meeting Invited Session Moderator and Judge.

### **December 2025 - December 2025**

2nd North American Bronchiectasis and NTM Symposium, NYU Grossman School of Medicine in NYC Session Moderator. Invitee: Doreen Addrizzo-Harris, MD.

### **November 2025 - November 2025**

HONUA Scholars Program, Workshop Host Invitation. Laulima Symposium, NTM Lung Disease In Hawaii

### **October 2025 - November 2025**

Texas American Society for Microbiology Branch Meeting Co-Chaired and organized the fall branch meeting held at UTT.

### **September 2025 - September 2025**

Oregon Health & Science University, Invited External Reviewer for the Department of Medicine, Internal Candidate going up for Associate Professor.

### **January 2024 - Ongoing**

NTMir, I am helping to bring together NTM patients in Hawaii to serve a group leaders through the NTM patient advocacy group, NTMir. These groups will be linked to other national patient advocacy groups.

**October 2023 - Ongoing**

UTT, I have partnered with University Academy high school students and mentors from Tyler, Palestine, and Longview on new projects which have been highlighted in local news releases and a UTT internal grant award

**May 2017 - Ongoing**

National Science Foundation, Through a former NSF EEID award, I have recruited and involved > 400 Hawaii high school students and undergraduate and mentors on NTM related projects. Various projects continue to today.