

PUBLICATIONS AND CREATIVE WORKS

A. Publications

1. Books/Compendium

Almeda, R., Andora, H., Bilbao, P., Cabag, R., Delfin, P., & Handa, V. (2002). *Community immersion: A dialogue of life*. Iloilo City, Philippines: West Visayas State University Press.

Hara, Y., Ichikawa, M., Miyake, Y., Yoda, S., Yamanashi, N., & Mogi, N., Handa, et al., (2003). *A letter from nature: Enthusiasts for Science*. Iloilo City, Philippines: West Visayas State University.

2. Articles Published as Chapters in an Edited Book

Handa, V. (2022, July). Subjectivity in qualitative research. In S. Wa-Mbaleka and Rosario, A. (Eds.). *The SAGE handbook of qualitative research in the Asian context*, pp. 540-554. Thousand Oaks: SAGE

Handa, V. (2014). Understanding the indigenization and hybridization of science curriculum: The model of culturally relevant science education in Thailand and Japan. In the Nippon Foundation, *Engage! Public Intellectuals Transforming Society: Work of the 2011/2012 API Fellows*. Bangkok, Thailand: API Regional Coordinating Institution, Institute of Asian Studies, Chulalongkorn University.

Tippins, D. & Handa, V. (2010). Community immersion as a context for relevant science teacher preparation in the Philippines: An ecojustice perspective. In Y. J. Lee (Vol. Ed.) & K. Tobin & W. M. Roth (Series Ed.), *Handbook of Research in Science Education Research in Asia, Vol. 4*. (pp. 415-426). Rotterdam, Netherlands: Sense Publishers. [ISBN: 978-94-6091-072-2 (paperback), ISBN: 978-94-6091-073-9 (hardback), ISBN: 978-94-6091-074-6 (e-book) (INTERNATIONAL)]

3. Journal Publication

Goodman, J., Handa, V., Wilson, R. E., & Bradbury, L. U. (2024). Promises and pitfalls: Using an AI chatbot as a tool in 5E lesson planning. *Innovations in Science Teacher Education*, 9(1). Retrieved from <https://innovations.theaste.org/promises-and-pitfalls-using-an-ai-chatbot-as-a-tool-in-5e-lesson-planning/>

Handa, V. C., & Talisayon, V. M. (2023). Practical problem-solving tasks for meaningful learning and retention in college chemistry for pre-service teachers. *European Journal of Science and Mathematics Education*, 11(4), 702-716.

- Mirano, E. , Mojares, R. B., Lucero, A. , Respeto, J. , Villalon, A. & Handa, V. . (2021). *Scanning the Field of Philippine Culture and Arts Research*. Saliksik-Kultura: The NCCA Research Journal, 1(1). Retrieved from <http://ejournals.ph/form/cite.php?id=16328>
- Handa, V. (July 2017). *On local wisdom/indigenous knowledge: The creation of hybrid spaces in Thai and Philippine science education*. Regional Journal of Southeast Asian Studies, 2(2), 166. ISSN 2507- 8895.
- Handa, V., Larroder, A., Morano, L., Tippins, D., & Harper, S. (2013). Investigating river quarrying. *Green Teacher: Education for Planet Earth*, 2013 (100), 14-17.
- Handa, V. & Tippins, D. (2012). Tensions in the third Space: Locating relevancy in preservice science teacher preparation. *International Journal of Science and Mathematics Education*. 11(1), 237-265.
DOI: 10.1007/s10763-012-9364-x [ISSN: 1571-0068 (print version; ISSN: 1573-1774 (electronic version); Publisher Springer; Social Science Citation Index (Thomson Reuters) with impact factor of 0.529 for 2011]
- Handa, V. (2012). Bridging communities and preservice science teacher education. *WVSU College of Education Research Journal*, 6(1), 63-73.
- Handa, V. & Tippins, D. (2011). Cultural memory banking in preservice science teacher education. *Research in Science Education*, 42 (6), 1201-1217.
DOI 10.1007/s11165-011-9241-6. [ISSN: 0157-224X (print version), ISSN: 1573-1898 (electronic version); Social Science Citation Index with impact factor of 1.342 for 2011].
- Laoron, J. & Handa,V. (2011). Participatory action research utilizing school grounds as a context of professional development for science teachers. *The WVSU College of Education Graduate School Journal*, 45(1), 59-65.
- Handa, V. (2008). Community as the nexus for science teacher preparation. *The WVSU College of Education Graduate School Journal*, 2009(1), 5- 14.
- Handa, V., Tippins, D., Thomson, N., Bilbao, P., Morano, L., Hallar, B., Miller, K. (2008). A dialogue of life: Integrating service learning in a community immersion model of pre-service science teacher preparation. *Journal of College Science Teaching*, 36(6), 14-20.
- Larodir, A., Tippins, D., Handa, V., & Morano, L. (2007). Rock showdown: Learning science through service with the community. *Science Scope*, 30(7), 32-37.
- Gangoso, N., Espigar, I., Barcenal, T., Handa, V., Montano, H., Morano, L., Bilbao, P., Tippins, D. (2006). Elementary science: Some linguistic considerations. *WVSU College of Education Research Journal*, 5(1), 91-107.

4. Published Full Paper in Conference Proceedings

Handa, V. (2016).). Community funds of knowledge for culturally relevant preservice science teacher preparation. Published as a full paper in the 2nd International Conference Proceedings of URUAE and ICEHM on Studies in Humanities and Social Sciences, Cebu City. ISBN 978-93-84422-73-8. ED516010

Handa, V. (2012, November 24-28). Understanding the indigenization and hybridization of science curriculum: Models of culturally relevant science education in Thailand and Japan. Proceedings of the Regional Workshop for Asian Public Intellectual Fellows of the Nippon Foundation, Tagaytay City, Philippines

Handa, V., Tippins, D., & Thomson ,N. (2007). A case study of community immersion as a context for creating a community-based science teacher preparation. Proceedings of the annual conference of the National Association for Research in Science Teaching, New Orleans, Louisiana.

Handa, V. (2006). Influence of practical problem solving tasks on meaningful learning and retention in college chemistry. Proceedings of the annual conference of the National Association for Research in Science Teaching, San Francisco, California.

B. Creative Works

1. Essay

Handa, V. (2022, October). Proud Passinhon: Featuring the Casis-Mahilum family of Tampa, Florida. A Feature story published online in the *Passi City Bulletin*, Passi City, Philippines, October 4, 2022.

Handa, V. (2004). Dreams may come true: In memory of Consolacion Callao Handa, *Silak*, 27 (2), 9-13.

2. Video

Basa, K.T. & Handa, V. (2023). Studying and protecting the balingkokok (*Cochlostyla ticaonica*) through a citizen science project. North American Association for Environmental Education 52nd h Annual Conference under On-Demand Session.
<https://pheedloop.com/EVEXNYEZPUJBX/virtual/?page=channels§ion=SES7EJZMM7UXVA5QJ> The video can also be accessed in my YouTube Channel:
<https://youtu.be/GrbPq3jJ3l8>

Handa, V. Solomon, F.I., & Sincer, R.M.C. (2023). Place-based-environmental-science-education program for dumpsite school youths using their community funds of knowledge. North American Association for Environmental Education 20th Annual Research Symposium.
<https://pheedloop.com/EVEXNYEZPUJBX/virtual/?page=channels§ion=SES7EJZMM7UXVA5QJ> The video can also be accessed in my YouTube Channel:
<https://youtu.be/VTnoLIBIBf8>

Handa, V. (2021). What does it mean to do research in the time of the pandemic? Episode 25 of the Tukib Lecture Series, aired on May 7, 2022 at the NCCA FB page.

3. Poems

Handa, V. (January 1999). Hamog. *Homelife*, 45(1).

Handa, V. (October 1997). A tour around Boracay. *Homelife*, 43(10).

Handa, V. (June 1996). Sari-sari store. *Homelife*, 42(6).

Handa, V. (April, 1997). Of rocks, stones, sand, and men. *Homelife*, 42(4).

Handa, V. (February 1996). Young mahogany. *Homelife* 42(2).

Handa, V. (December 1995). Lampin. *Homelife*, 41(12).

Handa, V. (October 1995). To the molecules of gas trapped in a Coca-cola bottle. *Homelife*, 41(10).